

## SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: \_\_\_\_\_ Examiner #: \_\_\_\_\_ Date: \_\_\_\_\_  
Art Unit: \_\_\_\_\_ Phone Number 30 \_\_\_\_\_ Serial Number: \_\_\_\_\_  
Mail Box and Bldg Room Location: \_\_\_\_\_ Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

\*\*\*\*\*  
Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or novelty of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc., if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: \_\_\_\_\_

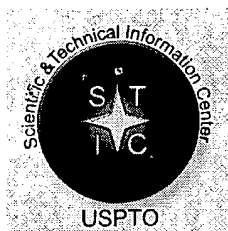
Inventors (please provide full names): \_\_\_\_\_

Earliest Priority Filing Date: \_\_\_\_\_

*\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

\*\*\*\*\*  
STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher: <u>am</u>	NA Sequence (#) <input checked="" type="checkbox"/>	STN _____
Searcher Phone #: <u>22504</u>	AA Sequence (#) <input checked="" type="checkbox"/>	Dialog _____
Searcher Location: _____	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: <u>6/6</u>	Bibliographic _____	Dr.Link _____
Date Completed: <u>6/7</u>	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: _____	Fulltext _____	Sequence Systems <input checked="" type="checkbox"/>
Clerical Prep Time: <u>20</u>	Patent Family _____	WWW/Internet _____
Online Time: <u>120</u>	Other _____	Other (specify) _____



# **STIC Search Report**

## **Biotech-Chem Library**

**STIC Database Tracking Number: 123904**

**TO: Phillip Gambel**  
**Location: 3e81 / 3c70**  
**Monday, June 07, 2004**  
**Art Unit: 1644**  
**Phone: 272-0844**  
**Serial Number: 09 / 758173**

**From: Jan Delaval**  
**Location: Biotech-Chem Library**  
**Rem 1A51**  
**Phone: 272-2504**

**[jan.delaval@uspto.gov](mailto:jan.delaval@uspto.gov)**

### **Search Notes**

GenCore version 5.1.6  
Copyright (c) 1993 - 2004 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: June 7, 2004, 01:56:45 ; Search time 569.149 Seconds  
(without alignments)  
5650.904 Million cell updates/sec

Title: US-09-758-173-1

Perfect score: 705

Sequence: 1 ATGAGGTCCTCCCTCAGCT.....CCCTACAGATGTTTCATCA 705

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 2995936 seqs, 2280998010 residues

Total number of hits satisfying chosen parameters: 5991872

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA:

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2: /cgn2\_6/ptodata/1/pubna/PCT\_NEW\_PUB.seq:  
3: /cgn2\_6/ptodata/1/pubna/US06\_PUBCOMB.seq:  
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19: /cgn2\_6/ptodata/1/pubna/US60\_PUBCOMB.seq:

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

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1	705	100.0	705	9	US-09-948-429B-1
2	705	100.0	705	13	US-09-758-173-1
3	705	100.0	705	14	US-10-124-905-1
4	705	100.0	705	15	US-10-073-138-1
5	705	100.0	705	14	US-10-124-807-1
6	705	100.0	705	15	US-10-291-532-1
7	585.2	83.0	702	15	US-10-211-357-5
8	558.6	79.2	699	15	US-10-225-108A-11
9	558.6	79.2	699	16	US-10-461-148-5
10	555	78.7	1402	15	US-10-198-846-12610
11	552.6	78.4	642	10	US-09-972-656-95
12	540.2	76.6	711	9	US-09-948-429B-9
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14	540.2	76.6	711	14	US-10-124-905-9

15	540.2	76.6	711	14	US-10-073-138-5
16	540.2	76.6	711	15	US-10-124-807-9
17	540.2	76.6	711	15	US-10-291-532-9
18	539.6	76.5	1590	15	US-10-198-846-12799
19	530	75.2	868	9	US-09-822-849A-157
20	527.6	74.8	1027	16	US-10-264-049-318
21	520.8	73.9	904	17	US-10-312-354-82
22	520.8	73.9	1123	15	US-10-198-846-13547
23	520.4	73.8	869	16	US-10-291-265-519
24	516	73.2	859	15	US-10-198-846-13995
25	515	73.0	1825	16	US-10-291-285-579
26	514.4	73.0	859	16	US-10-291-285-47
27	512.8	72.7	960	9	US-09-925-301-582
28	511	72.5	654	10	US-09-791-153A-50
29	510.6	72.4	2667	15	US-10-158-646-76
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32	501.6	71.1	830	9	US-09-981-353-42
33	495.2	70.2	863	17	US-10-312-354-61
34	494	70.1	849	15	US-10-198-846-12585
35	492.6	69.9	636	10	US-09-972-656-97
36	490	69.5	886	13	US-10-363-616-244
37	488.6	69.3	846	9	US-09-981-353-55
38	487	69.1	1480	9	US-09-981-353-146
39	473.8	67.2	857	9	US-09-822-849A-158
40	472	67.0	768	9	US-09-747-669-5
41	472	67.0	768	9	US-10-290-703-4
42	472	67.0	768	15	US-10-290-703-5
43	472	67.0	768	15	US-10-198-846-12799
44	472	67.0	1590	15	US-10-198-846-12799
45	469.4	66.6	1640	15	US-10-198-846-13206

#### ALIGNMENTS

#### RESULT 1

US-09-948-429B-1  
; Sequence 1, Application US/09948429B  
; Patent No. US20020177689A1  
; GENERAL INFORMATION:

APPLICANT: Anderson, Darrell R.

TITLE OF INVENTION: "MONOCLONAL ANTIBODIES SPECIFIC

TITLE OF INVENTION: TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF, AND USE THEREOF AS

TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS

TITLE OF INVENTION: IMMUNOSUPPRESSANTS"

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:

ADDRESSER: BURNS, DOANE, SWECKER & MATHIS

STREET: 699 Prince Street

CITY: Alexandria

STATE: VA

COUNTRY: USA

ZIP: 22314

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/948.429B

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/383,916

FILING DATE:

APPLICATION NUMBER: US 08/487,550

FILING DATE: 07-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: Teskin, Robin L.

REGISTRATION NUMBER: 35,030

REFERENCE/DOCKET NUMBER: 012712-131

TELECOMMUNICATION INFORMATION:



GenCore version 5.1.6  
Copyright (c) 1993 - 2004 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: June 7, 2004, 00:41:24 ; Search time 55.7646 Seconds  
(without alignments)  
7015.931 Million cell updates/sec

Title: US-09-758-173-1

Perfect score: 705

Sequence: 1 ATGAGGTCCTCCGCTCAGCT.....CCCTACAGATGCTTCATCA 705

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents NA:\*

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- 2: /cgn2\_6/pdata/2/ina/5B\_COMB.seq:\*
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- 4: /cgn2\_6/pdata/2/ina/6B\_COMB.seq:\*
- 5: /cgn2\_6/pdata/2/ina/PCUTUS\_COMB.seq:\*
- 6: /cgn2\_6/pdata/2/ina/backfiles1.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	705	100.0	705	3	US-08-487-550-1
2	705	100.0	705	4	US-09-526-098-1
3	585.2	83.0	702	3	US-08-523-894-5
4	540.2	76.6	711	3	US-08-487-550-9
5	540.2	76.6	711	4	US-09-526-098-9
6	473	67.1	935	3	US-09-049-672A-20
7	457	64.8	902	2	US-08-378-939-11
8	456	64.7	895	3	US-09-049-672A-25
9	455.4	64.6	891	3	US-09-049-672A-23
10	440	62.4	705	4	US-09-372-425A-3
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12	434	61.6	879	4	US-09-152-060-29
13	432.2	61.3	928	4	US-09-152-060-46
14	425.4	60.3	919	3	US-09-049-672A-24
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16	392.4	55.7	491	4	US-09-702-705-833
17	392.4	55.7	491	4	US-09-736-457-833
18	392.4	55.7	491	4	US-09-614-124B-833
19	392.4	55.7	491	4	US-09-671-325-833
20	388.2	55.1	805	4	US-09-820-312D-62
21	387.4	55.0	608	4	US-09-702-705-908
22	387.4	55.0	608	4	US-09-736-457-908
23	387.4	55.0	608	4	US-09-614-124B-908
24	387.4	55.0	608	4	US-09-671-325-908
25	375	53.2	543	4	US-09-702-705-970
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C 28	375	53.2	543	4	US-09-671-325-970	Sequence 970, App
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C 30	340.2	48.3	420	4	US-09-736-457-433	Sequence 433, App
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C 32	340.2	48.3	420	4	US-09-671-325-433	Sequence 433, App
C 33	340.2	48.3	420	4	US-09-589-184-433	Sequence 1625, App
C 34	317	45.0	373	4	US-09-702-705-1625	Sequence 1625, App
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C 36	317	45.0	373	4	US-09-614-124B-1625	Sequence 1625, App
C 37	317	45.0	373	4	US-09-671-325-1625	Sequence 1625, App
C 38	311.4	44.2	705	4	US-09-592-998C-7	Sequence 7, Appl
C 39	306.6	43.5	584	4	US-09-404-879A-268	Sequence 268, App
C 40	306.6	43.5	584	4	US-09-338-933-268	Sequence 268, App
C 41	306.6	43.5	584	4	US-09-215-681-268	Sequence 268, App
C 42	306.6	43.5	584	4	US-09-216-003A-268	Sequence 268, App
C 43	291.8	41.4	361	4	US-09-702-705-1589	Sequence 1589, App
C 44	291.8	41.4	361	4	US-09-736-457-1589	Sequence 1589, App
C 45	291.8	41.4	361	4	US-09-614-124B-1589	Sequence 1589, App

## ALIGNMENTS

### RESULT 1

US-08-487-550-1

; Sequence 1, Application US/98487550

; Patent No. 6113898

; GENERAL INFORMATION:

; APPLICANT: Anderson, Darrell R.

; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC

; TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF.

; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS

; IMMUNOSUPPRESSANTS"

; NUMBER OF SEQUENCES: 12

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS

; STREET: 699 Prince Street

; CITY: Alexandria

; STATE: VA

; COUNTRY: USA

; ZIP: 22314

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/487,550

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Reskin, Robin L.

; REGISTRATION NUMBER: 35,030

; REFERENCE/DOCKET NUMBER: 012712-131

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 703-836-6620

; TELEFAX: 703-836-2021

; INFORMATION FOR SEQ ID NO: 1:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 705 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: not relevant

; TOPOLOGY: linear

; MOLECULE TYPE: peptide

; FEATURE:

; NAME/KEY: CDS

; LOCATION: 1..705

; FEATURE:

; NAME/KEY: mat peptide

; LOCATION: 1..705

US-08-487-550-1

Query Match 100.0%; Score 705; DB 3; Length 705;

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Matches 705; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 2  
US-09-526-098-1  
; Sequence 1, Application US/09526098  
; Patent No. 6492134  
; GENERAL INFORMATION:  
; APPLICANT: Anderson, Darrell R.  
; TITLE OF INVENTION: MONOCLONAL ANTIBODIES SPECIFIC  
; TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,  
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS  
; IMMUNOSUPPRESSANTS  
; NUMBER OF SEQUENCES: 12  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS  
; STREET: 699 Prince Street  
; CITY: Alexandria  
; STATE: VA  
; COUNTRY: USA  
; ZIP: 22314  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/526,098  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/383,916  
FILING DATE:  
APPLICATION NUMBER: US 08/487,550  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Teskin, Robin L.  
REGISTRATION NUMBER: 35,030  
REFERENCE/DOCKET NUMBER: 012712-131  
TELEPHONE: 703-836-6620  
TELEFAX: 703-836-2021  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 705 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: not relevant  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..705  
FEATURE:  
NAME/KEY: mat\_peptide  
LOCATION: 1..705  
US-09-526-098-1

Query Match 100.0%; Score 705; DB 4; Length 705;  
Best Local Similarity 100.0%; Pred. No. 8.3e-188;  
Matches 705; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATGAGGTCCTCCCTCAGCTCCTGGGCTCTCTGCTCTGGCTCCAGGTGACGATGT 60  
Db |||||

Qy 1 ATGAGGTCCTCCCTCAGCTCCTGGGCTCTCTGCTCTGGCTCCAGGTGACGATGT 60  
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Qy 361 GGAGGACCCGGGTGACCGTCTAGTGTGAGGACAGGCTGCGGCTCGGTCTCTCTTC 420  
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Qy 421 CCGCCCTCTCTGAGAGCTTCAAGCCAAAGGACAGGCTGAGTGTGTCTCATAGTGAC 480  
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Qy 421 CCGCCCTCTCTGAGAGCTTCAAGCCAAAGGACAGGCTGAGTGTGTCTCATAGTGAC 480  
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; TELEFAX: 703-836-2021
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; SEQUENCE CHARACTERISTICS:
; LENGTH: 234 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-948-429B-2

Query Match      100.0%; Score 1243; DB 9; Length 234;
Best Local Similarity 100.0%; Pred. No. 1.1e-91;
Matches 234; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MRVPAQLGLLLMLPGARCAYELTOPPSVSVSGQTARITCGDNRNRYVHWYQKPA 60
QY 61 RAPILVIYDDSDRPSGIPERFSGSKSGNTATLTINGVEAGDEADYYCQVWDRASDHPVFG 120
DB 61 RAPILVIYDDSDRPSGIPERFSGSKSGNTATLTINGVEAGDEADYYCQVWDRASDHPVFG 120
QY 121 GGTTRVTVLGQPKAAPSVTLFPPSSEELQANKATLVCLISDFYPGAVTVANKADSSPVKAG 180
DB 121 GGTTRVTVLGQPKAAPSVTLFPPSSEELQANKATLVCLISDFYPGAVTVANKADSSPVKAG 180
QY 181 VETTPSKQSNKNKYAASSYLSLTPEQWKSHRSYSCQVTHGSGTVEKTVAPTCS 234
DB 181 VETTPSKQSNKNKYAASSYLSLTPEQWKSHRSYSCQVTHGSGTVEKTVAPTCS 234

RESULT 2
US-09-758-173-2
; Sequence 2, Application US/09758173
; Publication No. US20010024648A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, Darrell R.
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC
; TITLE OF INVENTION: TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF.
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS
; TITLE OF INVENTION: IMMUNOSUPPRESSANTS"
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: 699 Prince Street
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09758,173
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/383,916
; FILING DATE:
; APPLICATION NUMBER: US 08/487,550
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Teskin, Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 012712-131
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6620
; TELEFAX: 703-836-2021
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 234 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-948-429B-2
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; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-758-173-2

Query Match      100.0%; Score 1243; DB 12; Length 234;
Best Local Similarity 100.0%; Pred. No. 1.1e-91;
Matches 234; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 61 RAPILVIYDDSDRPSGIPERFSGSKSGNTATLTINGVEAGDEADYYCQVWDRASDHPVFG 120
QY 121 GGTTRVTVLGQPKAAPSVTLFPPSSEELQANKATLVCLISDFYPGAVTVANKADSSPVKAG 180
DB 121 GGTTRVTVLGQPKAAPSVTLFPPSSEELQANKATLVCLISDFYPGAVTVANKADSSPVKAG 180
QY 181 VETTPSKQSNKNKYAASSYLSLTPEQWKSHRSYSCQVTHGSGTVEKTVAPTCS 234
DB 181 VETTPSKQSNKNKYAASSYLSLTPEQWKSHRSYSCQVTHGSGTVEKTVAPTCS 234

RESULT 3
US-10-124-905-2
; Sequence 2, Application US/10124905
; Publication No. US20020166136A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, Darrell R.
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC
; TITLE OF INVENTION: TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF.
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS
; TITLE OF INVENTION: IMMUNOSUPPRESSANTS"
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: 699 Prince Street
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10124,905
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/383,916
; FILING DATE:
; APPLICATION NUMBER: US 08/487,550
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Teskin, Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 012712-131
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6620
; TELEFAX: 703-836-2021
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 234 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-10-124-905-2

Query Match      100.0%; Score 1243; DB 13; Length 234;
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GenCore version 5.1.6  
Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

Run on: June 6, 2004, 12:00:32 ; Search time 9.62693 Seconds  
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1254.863 Million cell updates/sec

Title: US-09-758-173-2

Perfect score: 1243

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Gapop 10.0 , Gapext 0.5

Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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- 3: /cgm2\_6/ptodata/2/iaa/6A\_COMB.pep.\*
- 4: /cgm2\_6/ptodata/2/iaa/6B\_COMB.pep.\*
- 5: /cgm2\_6/ptodata/2/iaa/PTCUS\_COMB.pep.\*
- 6: /cgm2\_6/ptodata/2/iaa/backfiles1.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match %	Length	DB ID	Description
1	1243	100.0	234	3	US-08-487-550-2
2	1243	100.0	234	4	US-08-526-098-2
3	1015.5	81.7	233	3	US-08-523-894-6
4	973	78.3	236	3	US-08-487-550-10
5	973	78.3	236	4	US-08-526-098-10
6	886	71.3	234	4	US-08-372-425A-4
7	880.5	70.8	236	3	US-08-049-672A-7
8	867.5	69.8	235	3	US-08-049-672A-10
9	861	69.3	235	2	US-08-378-939-12
10	855.5	68.8	238	4	US-08-793-450-6
11	855	68.8	235	3	US-08-049-672A-12
12	844	67.9	240	3	US-08-049-672A-11
13	812	65.3	235	4	US-08-152-060-70
14	809	65.1	235	4	US-08-152-060-88
15	658.5	53.0	229	3	US-08-751-359-22
16	658.5	53.0	229	4	US-08-907-146-22
17	567	45.6	109	2	US-08-761-277A-51
18	560.5	45.1	200	6	5189147-10
19	548	44.1	105	1	US-08-422-101-9
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22	548	44.1	105	2	US-08-788-800-6
23	548	44.1	105	3	US-08-422-093-9
24	548	44.1	105	3	US-08-422-112-9
25	543	43.7	106	4	US-09-313-942-14
26	535	43.0	104	4	US-09-025-769B-170
27	504	40.5	235	4	US-09-800-729-152

28	503	40.5	241	2	US-07-916-098A-56	Sequence 56, Appl
29	502.5	40.4	234	4	US-09-800-729-150	Sequence 150, App
30	502.5	40.4	235	3	US-08-812-586-16	Sequence 16, Appl
31	502.5	40.4	235	4	US-09-535-832A-17	Sequence 17, Appl
32	500.5	40.3	143	2	US-08-345-321-8	Sequence 8, Appl
33	500.5	40.3	236	1	US-08-157-101A-5	Sequence 5, Appl
34	496	39.9	234	4	US-09-740-002-26	Sequence 26, Appl
35	494.5	39.8	234	4	US-09-740-002-24	Sequence 24, Appl
36	492	39.6	242	4	US-09-479-614-20	Sequence 20, Appl
37	487	39.2	235	1	US-08-276-852-153	Sequence 153, App
38	487	39.2	235	1	US-08-899-575-153	Sequence 153, App
39	487	39.2	235	1	US-08-899-575-153	Sequence 153, App
40	487	39.2	235	1	PCT-US95-08743-153	Sequence 153, App
41	483.5	38.9	234	5	PCT-US94-07659-4	Sequence 4, Appl
42	483	38.9	233	4	US-09-472-087-15	Sequence 15, Appl
43	483	38.9	233	4	US-09-472-087-67	Sequence 67, Appl
44	479.5	38.6	234	4	US-09-472-087-17	Sequence 17, Appl
45	479.5	38.6	234	4	US-09-472-087-69	Sequence 69, Appl

ALIGNMENTS

RESULT 1  
US-08-487-550-2  
; Sequence 2, Application US/08487550  
; Patent No. 6113898  
; GENERAL INFORMATION:  
; APPLICANT: Anderson, Darrell R.  
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF."  
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS  
; TITLE OF INVENTION: IMMUNOSUPPRESSANTS  
; NUMBER OF SEQUENCES: 12  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS  
; STREET: 699 Prince Street  
; CITY: Alexandria  
; STATE: VA  
; COUNTRY: USA  
; ZIP: 22314  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/487,550  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Teskin, Robin L.  
; REGISTRATION NUMBER: 35,030  
; REFERENCE/DOCKET NUMBER: 012712-131  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 703-836-6620  
; TELEFAX: 703-836-2021  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 234 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; US-08-487-550-2

Query Match 100.0%; Score 1243; DB 3; Length 234;  
Best Local Similarity 100.0%; Pred. No. 1.6e-102;  
Matches 234; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 61 RAPILVIYDDSDRPSGIPERFSGSKSGNTATLTINGVEAGDEADYYCQWDRASDPVFG 120  
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Db 181 VETTPSKQSNKYAASSYLSLTPQWKSHRSYSCQVTHGSGTVEKTVAPTECS 234

## RESULT 2

US-09-526-098-2  
; Sequence 2, Application US/09526098  
; Patent No. 6492134  
; GENERAL INFORMATION:  
; APPLICANT: Anderson, Darrell R.  
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC  
; TITLE OF INVENTION: TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,  
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS  
; TITLE OF INVENTION: IMMUNOSUPPRESSANTS"  
; NUMBER OF SEQUENCES: 12  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS  
; STREET: 699 Prince Street  
; CITY: Alexandria  
; STATE: VA  
; COUNTRY: USA  
; ZIP: 22314  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/526,098  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/383,916  
; FILING DATE:  
; APPLICATION NUMBER: US 08/487,550  
; FILING DATE: 07-JUN-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Teskin, Robin L.  
; REGISTRATION NUMBER: 35,030  
; REFERENCE/DOCKET NUMBER: 012712-131  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 703-836-6620  
; TELEFAX: 703-836-2021  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 234 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-09-526-098-2

Query Match 100.0%; Score 1243; DB 4; Length 234;  
Best Local Similarity 100.0%; Pred. No. 1.6e-102;  
Matches 234; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
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Db 61 RAPILVIYDDSDRPSGIPERFSGSKSGNTATLTINGVEAGDEADYYCQWDRASDPVFG 120  
QY 121 GSTRVTVLGQPKAAPSVTLFPPSSSEELQANKATLVCLISDFYPGAVTVAWKADSSPVKAG 180

Db 121 GSTRVTVLGQPKAAPSVTLFPPSSSEELQANKATLVCLISDFYPGAVTVAWKADSSPVKAG 180  
QY 181 VETTPSKQSNKYAASSYLSLTPQWKSHRSYSCQVTHGSGTVEKTVAPTECS 234  
Db 181 VETTPSKQSNKYAASSYLSLTPQWKSHRSYSCQVTHGSGTVEKTVAPTECS 234

## RESULT 3

US-08-523-894-6  
; Sequence 6, Application US/08523894  
; Patent No. 6136310  
; GENERAL INFORMATION:  
; APPLICANT: Hanna, Nabil  
; APPLICANT: Newman, Roland A.  
; APPLICANT: Reff, Mitchell E.  
; TITLE OF INVENTION: Recombinant Anti-CD4 Antibodies for Human  
; TITLE OF INVENTION: Therapy  
; NUMBER OF SEQUENCES: 59  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS  
; STREET: 699 Prince Street  
; CITY: Alexandria  
; STATE: VA  
; COUNTRY: USA  
; ZIP: 22314-3187  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/523,894  
; FILING DATE: 06-SEP-1995  
; CLASSIFICATION: 424  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Teskin, Robin L.  
; REGISTRATION NUMBER: 35,030  
; REFERENCE/DOCKET NUMBER: 012712-165  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 703-836-6620  
; TELEFAX: 703-836-2021  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 233 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-523-894-6

Query Match 81.7%; Score 1015.5; DB 3; Length 233;  
Best Local Similarity 86.0%; Pred. No. 2.2e-82;  
Matches 196; Conservative 10; Mismatches 21; Indels 1; Gaps 1;  
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Db 7 LLGLLAHFTDSA-ASYELSPRSVSVSPGQTARITCGDNGVRKSVQWYQKPPQAPVLV 65  
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Db 67 IYADSRPSGIPARFSGSKSGNTATLTISGVEAGDEADYYCQWDRASDPVFGGTRVT 125  
QY 127 VLQPKAAPSVTLFPPSSSEELQANKATLVCLISDFYPGAVTVAWKADSSPVKAGVETTP 186  
Db 126 VLQPKAAPSVTLFPPSSSEELQANKATLVCLISDFYPGAVTVAWKADSSPVKAGVETTP 185  
QY 187 SKQSNKNKYAASSYLSLTPQWKSHRSYSCQVTHGSGTVEKTVAPTECS 234  
Db 186 SKQSNKNKYAASSYLSLTPQWKSHRSYSCQVTHGSGTVEKTVAPTECS 233

## RESULT 4

US-08-487-550-10

GenCore version 5.1.6  
Copyright (c) 1993 - 2004 CompuGen Ltd.

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Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA:\*

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pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

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4	1431	100.0	1431	15	US-10-124-807-3
5	1431	100.0	1431	15	US-10-291-532-3
6	1429.4	99.9	1431	14	US-10-073-138-2
7	1315.8	91.9	1431	9	US-09-948-429B-11
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11	1315.8	91.9	1431	15	US-10-291-532-11
12	1314.2	91.8	1431	15	US-10-073-138-6
13	1171.4	81.9	1404	15	US-10-211-357-7
14	1170	81.8	1566	16	US-10-108-260A-1850

15	1168.2	81.6	1404	15	US-10-211-357-11
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17	1153	80.6	1401	13	US-10-292-088-85
18	1148.2	80.2	1401	13	US-10-292-088-69
19	1140.2	79.7	1401	13	US-10-292-088-29
20	1135	79.3	1428	15	US-10-203-754A-40
21	1133	79.2	1395	13	US-10-292-088-21
22	1125.8	78.7	1633	16	US-10-108-260A-2197
23	1123.6	78.5	1428	9	US-09-740-002-17
24	1123.6	78.5	1428	16	US-10-384-356-17
25	1123.6	78.5	1428	17	US-10-325-698-17
26	1122.8	78.5	1425	16	US-10-461-148-11
27	1122.8	78.5	1430	10	US-09-848-832-1
28	1122.8	78.5	1430	15	US-10-225-108A-1
29	1117.2	78.1	1437	9	US-09-948-429B-7
30	1117.2	78.1	1437	13	US-09-758-173-7
31	1117.2	78.1	1437	14	US-10-124-905-7
32	1117.2	78.1	1437	14	US-10-073-138-4
33	1117.2	78.1	1437	15	US-10-124-807-7
34	1117.2	78.1	1437	15	US-10-291-532-7
35	1113.4	77.8	1798	9	US-09-925-299-230
36	1113.4	77.8	1798	10	US-09-925-299-230
37	1113.2	77.8	1644	16	US-10-291-265-159
38	1113.2	77.8	1673	13	US-10-342-887-1932
39	1113.2	77.8	1673	13	US-10-172-118-1932
40	1112.4	77.7	1428	9	US-09-740-002-19
41	1112.4	77.7	1428	16	US-10-384-356-19
42	1112.4	77.7	1428	17	US-10-325-698-19
43	1109.2	77.5	1631	16	US-10-108-260A-1630
44	1108.4	77.5	1431	15	US-10-225-108A-15
45	1108.4	77.5	1431	16	US-10-461-148-8

#### ALIGNMENTS

#### RESULT 1

US-09-948-429B-3  
; Sequence 3, Application US/09948429B  
; Patent No. US20020177689A1  
; GENERAL INFORMATION:

APPLICANT: Anderson, Darrell R.

TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC

TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF.

TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS

TITLE OF INVENTION: IMMUNOSUPPRESSANTS"

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:

ADDRESSEE: BURNS, DOANE, SWICKER & MATHIS

STREET: 699 Prince Street

CITY: Alexandria

STATE: VA

COUNTRY: USA

ZIP: 22314

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/948.429B

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/383,916

FILING DATE:

APPLICATION NUMBER: US 08/487,550

FILING DATE: 07-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: Teskin, Robin L.

REGISTRATION NUMBER: 35,030

REFERENCE/DOCKET NUMBER: 012712-131

TELECOMMUNICATION INFORMATION:



GenCore version 5.1.6  
Copyright (c) 1993 - 2004 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: June 7, 2004, 00:41:24 ; Search time 113.19 Seconds  
(without alignments)  
7015.931 Million cell updates/sec

Title: US-09-758-173-3

Perfect score: 1431

Sequence: 1 ATGAACACCTGTGCTTCTT.....CCTGTCTCCGGTAATGA 1431

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

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3: /cgn2\_6/ptodata/2/ina/5B COMB.seq:\*

4: /cgn2\_6/ptodata/2/ina/6A COMB.seq:\*

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7: /cgn2\_6/ptodata/2/ina/backfiles1.seq:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
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18	1123.6	78.5	1428	4	US-09-740-002-17
19	1117.2	78.1	1437	3	US-08-487-550-7
20	1117.2	78.1	1437	4	US-09-526-098-7
21	1112.4	77.7	1428	1	US-08-488-376-19
22	1112.4	77.7	1428	2	US-08-634-223-19
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24	1112.4	77.7	1428	2	US-08-634-400-19
25	1112.4	77.7	1428	2	US-08-635-878-19
26	1112.4	77.7	1428	2	US-08-770-057-19
27	1112.4	77.7	1428	3	US-09-335-697B-19

28 1112.4 77.7 1428 4 US-09-335-697B-19 Sequence 19, Appl  
29 1112.4 77.7 1428 4 US-09-740-002-19 Sequence 19, Appl  
30 1111.6 77.7 19040 4 US-09-343-485A-3 Sequence 3, Appl  
31 1103.6 77.1 1617 2 US-08-378-939-9 Sequence 9, Appl  
32 1102 77.0 1599 4 US-09-023-655-1120 Sequence 1120, Ap  
33 1092.6 76.4 6557 1 US-08-286-740-3 Sequence 3, Appl  
34 1092.6 76.4 6557 5 PCT-US95-09576-3 Sequence 68, Appl  
35 1090.6 76.2 8120 3 US-09-027-449-68 Sequence 68, Appl  
36 1090.6 76.2 8120 3 US-09-026-985-68 Sequence 68, Appl  
37 1090.6 76.2 8120 4 US-09-121-952A-68 Sequence 68, Appl  
38 1090.6 76.2 8120 4 US-09-234-340A-68 Sequence 68, Appl  
39 1090.2 76.2 1576 1 US-08-157-101A-6 Sequence 6, Appl  
40 1087 76.0 9209 1 US-08-149-099C-3 Sequence 3, Appl  
41 1087 76.0 9209 2 US-08-476-275-2 Sequence 2, Appl  
42 1087 76.0 9209 2 US-08-478-967A-3 Sequence 3, Appl  
43 1087 76.0 9209 4 US-08-475-815B-3 Sequence 3, Appl  
44 1087 76.0 9209 4 US-08-475-813-2 Sequence 2, Appl  
45 1087 76.0 18986 2 US-08-819-866-2 Sequence 2, Appl

#### ALIGNMENTS

#### RESULT 1

US-08-487-550-3

; Sequence 3, Application US/08487550

; Patent No. 6113898

; GENERAL INFORMATION:

; APPLICANT: Anderson, Darrell R.

; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC

; TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF.

; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS

; IMMUNOSUPPRESSANTS"

; NUMBER OF SEQUENCES: 12

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS

; STREET: 699 Prince Street

; CITY: Alexandria

; STATE: VA

; COUNTRY: USA

; ZIP: 22314

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/487,550

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Teskin, Robin L.

; REGISTRATION NUMBER: 35,030

; REFERENCE/DOCKET NUMBER: 012712-131

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 703-836-6620

; TELEFAX: 703-836-2021

; INFORMATION FOR SEQ ID NO: 3:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 1431 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: not relevant

; TOPOLOGY: linear

; MOLECULE TYPE: peptide

; FEATURE:

; NAME/KEY: CDS

; LOCATION: 1..1431

; FEATURE:

; NAME/KEY: mat.peptide

; LOCATION: 1..1431

; US-08-487-550-3

Query Match

100.0%; Score 1431; DB 3; Length 1431;



GenCore version 5.1.6  
Copyright (c) 1993 - 2004 Compugen Ltd.

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Run on: June 6, 2004, 12:00:32 ; Search time 46.5096 Seconds  
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Title: US-09-758-173-4

Perfect score: 2577

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Minimum DB seq length: 0

Maximum DB seq length: 2000000000

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Maximum Match 100%

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
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4	2577	100.0	476	14	US-10-124-807-4
5	2577	100.0	476	14	US-10-291-532-4
6	2309	89.6	476	9	US-09-948-429B-12
7	2309	89.6	476	12	US-09-758-173-12
8	2309	89.6	476	13	US-10-124-905-12
9	2309	89.6	476	14	US-10-124-807-12
10	2309	89.6	476	14	US-10-291-532-12
11	2197.5	85.3	467	15	US-10-108-260A-4293
12	2134	82.8	466	12	US-10-292-088-70
13	2129	82.6	466	12	US-10-292-088-86
14	2115	82.1	466	12	US-10-292-088-30
15	2112.5	82.0	467	14	US-10-211-357-12

16	2111.5	81.9	467	14	US-10-211-357-8
17	2110	81.9	464	12	US-10-292-088-22
18	2106.5	81.7	446	12	US-10-435-299-7
19	2106.5	81.7	972	15	US-10-418-836-38
20	2106.5	81.7	975	15	US-10-418-836-39
21	2105.5	81.7	469	12	US-10-404-724-72
22	2104.5	81.7	467	14	US-10-211-357-10
23	2103	81.6	451	10	US-09-925-179-66
24	2100	81.5	451	9	US-09-920-171-14
25	2100	81.5	451	9	US-09-920-171-16
26	2100	81.5	451	10	US-09-925-179-65
27	2100	81.5	451	14	US-10-113-996-14
28	2100	81.5	451	14	US-10-113-996-16
29	2099	81.5	451	10	US-09-925-179-68
30	2092	81.2	451	9	US-09-920-171-18
31	2092	81.2	451	10	US-09-792-938-2
32	2092	81.2	451	14	US-10-113-996-18
33	2092	81.2	451	14	US-10-292-869-2
34	2075.5	80.5	475	9	US-09-740-003-25
35	2075.5	80.5	475	16	US-10-325-698-25
36	2073	80.4	478	9	US-09-948-429B-25
37	2073	80.4	478	12	US-09-758-173-8
38	2073	80.4	478	13	US-10-124-905-8
39	2073	80.4	478	14	US-10-124-807-8
40	2073	80.4	478	14	US-10-291-532-8
41	2069	80.3	453	9	US-09-802-077-8
42	2069	80.3	453	9	US-09-802-096-8
43	2069	80.3	453	10	US-09-925-179-8
44	2069	80.3	474	15	US-10-108-260A-4640
45	2063.5	80.1	469	16	US-10-656-789-26

#### ALIGNMENTS

#### RESULT 1

US-09-948-429B-4

; Sequence 4, Application US/09948429B

; Patent No. US20020177689A1

; GENERAL INFORMATION:

; APPLICANT: Anderson, Dattell R.

; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC

; TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF.

; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS

; TITLE OF INVENTION: IMMUNOSUPPRESSANTS"

; NUMBER OF SEQUENCES: 12

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS

; STREET: 699 Prince Street

; CITY: Alexandria

; STATE: VA

; COUNTRY: USA

; ZIP: 22314

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/948,429B

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 09/383,916

; FILING DATE:

; APPLICATION NUMBER: US 08/487,550

; FILING DATE: 07-JUN-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: Teskin, Robin L.

; REGISTRATION NUMBER: 35,030

; REFERENCE/DOCKET NUMBER: 012712-131

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 703-836-6620

TELEFAX: 703-836-2021  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 476 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-09-948-429B-4

Query Match 100.0%; Score 2577; DB 9; Length 476;  
Best Local Similarity 100.0%; Pred. No. 8.5e-176;  
Matches 476; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MKHLWPELLLVAAAPRWLSQVKLQWGEGLLPSETLSRTCVVSGSISGYIYTWIRQT 60

QY 61 PGRGLEWIGHYGNAGATTNNPSLKSRVTISKDTSKNQFFLNLSVTDADTAVVYCARGP 120  
DB 61 PGRGLEWIGHYGNAGATTNNPSLKSRVTISKDTSKNQFFLNLSVTDADTAVVYCARGP 120

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DB 121 RPDCTTCYGGWVDVWVGPDLVTVSSASTKGPSVFPPLAPSSKSTSGGTAALGCLVKDYFP 180

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DB 301 EVKFNWYVDGVEVHNKTKPREQYNSTYRVSVLTVLHODWLNKGEYKCKVSNKALPAP 360

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DB 361 IEKTIKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNY 420

QY 421 KTTTPVLDSDGFFLYSKLTVDKSRWQQGNVPCSWMEALHNHYTKSLSPGK 476  
DB 421 KTTTPVLDSDGFFLYSKLTVDKSRWQQGNVPCSWMEALHNHYTKSLSPGK 476

## RESULT 2

US-09-758-173-4  
Sequence 4, Application US/09758173  
Publication No. US20010024648A1  
GENERAL INFORMATION:  
APPLICANT: Anderson, Darrell R.  
TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,  
TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS  
TITLE OF INVENTION: IMMUNOSUPPRESSANTS"  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS  
STREET: 699 Prince Street  
CITY: Alexandria  
STATE: VA  
COUNTRY: USA  
ZIP: 22314  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09758,173  
FILING DATE:  
CLASSIFICATION:

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/383,916  
FILING DATE:  
APPLICATION NUMBER: US 08/487,550  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Teskin, Robin L.  
REGISTRATION NUMBER: 35,030  
REFERENCE/DOCKET NUMBER: 012712-131  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-836-6620  
TELEFAX: 703-836-2021  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 476 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-09-758-173-4

Query Match 100.0%; Score 2577; DB 12; Length 476;  
Best Local Similarity 100.0%; Pred. No. 8.5e-176;  
Matches 476; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKHLWPELLLVAAAPRWLSQVKLQWGEGLLPSETLSRTCVVSGSISGYIYTWIRQT 60  
DB 1 MKHLWPELLLVAAAPRWLSQVKLQWGEGLLPSETLSRTCVVSGSISGYIYTWIRQT 60

QY 61 PGRGLEWIGHYGNAGATTNNPSLKSRVTISKDTSKNQFFLNLSVTDADTAVVYCARGP 120  
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DB 121 RPDCTTCYGGWVDVWVGPDLVTVSSASTKGPSVFPPLAPSSKSTSGGTAALGCLVKDYFP 180

QY 181 EPTVSNWNSGALTSVHTTFAVLQSSGLYSLSVTVTPSSSLGTQTYICNVNHPKSNTKV 240  
DB 181 EPTVSNWNSGALTSVHTTFAVLQSSGLYSLSVTVTPSSSLGTQTYICNVNHPKSNTKV 240

QY 241 DKKAEPKSCDKTHTCPCCPAPELLGGPSVFLFPKPKDTLMISRTPEVTCVVDVSHEDP 300  
DB 241 DKKAEPKSCDKTHTCPCCPAPELLGGPSVFLFPKPKDTLMISRTPEVTCVVDVSHEDP 300

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DB 301 EVKFNWYVDGVEVHNKTKPREQYNSTYRVSVLTVLHODWLNKGEYKCKVSNKALPAP 360

QY 361 IEKTIKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNY 420  
DB 361 IEKTIKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNY 420

QY 421 KTTTPVLDSDGFFLYSKLTVDKSRWQQGNVPCSWMEALHNHYTKSLSPGK 476  
DB 421 KTTTPVLDSDGFFLYSKLTVDKSRWQQGNVPCSWMEALHNHYTKSLSPGK 476

## RESULT 3

US-10-124-905-4  
Sequence 4, Application US/10124905  
Publication No. US20020166136A1  
GENERAL INFORMATION:  
APPLICANT: Anderson, Darrell R.  
TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,  
TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS  
TITLE OF INVENTION: IMMUNOSUPPRESSANTS"  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS  
STREET: 699 Prince Street  
CITY: Alexandria  
STATE: VA



GenCore version 5.1.6  
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1254.863 Million cell updates/sec

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Listing first 45 summaries

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- 2: /cgn2\_6/ptodata/2/iaa/5B\_COMB.pep.\*
- 3: /cgn2\_6/ptodata/2/iaa/6A\_COMB.pep.\*
- 4: /cgn2\_6/ptodata/2/iaa/6B\_COMB.pep.\*
- 5: /cgn2\_6/ptodata/2/iaa/PCTUS\_COMB.pep.\*
- 6: /cgn2\_6/ptodata/2/iaa/backfiles1.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	2577	100.0	476	4	US-09-526-098-4
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5	2277.5	88.4	473	3	US-09-049-672A-4
6	2206	85.6	472	4	US-08-793-450-8
7	2112.5	82.0	467	3	US-08-523-894-12
8	2111.5	81.9	467	3	US-08-523-894-8
9	2106.5	81.7	446	3	US-08-397-411-7
10	2104.5	81.7	467	3	US-08-523-894-10
11	2100	81.5	451	2	US-08-887-352B-14
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17	2100	81.5	451	3	US-09-296-005-16
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19	2100	81.5	451	4	US-09-920-171-16
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24	2092	81.2	451	3	US-09-296-005-18
25	2092	81.2	451	4	US-09-282-846-2
26	2092	81.2	451	4	US-09-680-145-2
27	2092	81.2	451	4	US-09-920-171-18

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29 2073 80.4 478 3 US-08-487-550-8 Sequence 8, Appli

30 2073 80.4 478 4 US-09-526-098-8 Sequence 8, Appli

31 2069 80.3 453 3 US-08-466-151-8 Sequence 8, Appli

32 2069 80.3 453 4 US-08-466-163B-8 Sequence 8, Appli

33 2069 80.3 453 4 US-09-802-096-8 Sequence 8, Appli

34 2061.5 80.0 452 3 US-09-027-449-71 Sequence 71, Appli

35 2061.5 80.0 452 3 US-09-026-985-71 Sequence 71, Appli

36 2061.5 80.0 452 4 US-09-121-952A-71 Sequence 71, Appli

37 2061.5 80.0 452 4 US-09-234-340A-71 Sequence 71, Appli

38 2047.5 79.5 475 4 US-09-740-002-27 Sequence 27, Appli

39 2039 79.1 476 2 US-08-378-939-10 Sequence 10, Appli

40 2032.5 78.9 449 4 US-09-679-397-2 Sequence 2, Appli

41 2032.5 78.9 449 4 US-09-680-148-2 Sequence 2, Appli

42 2032.5 78.9 449 4 US-09-304-465A-2 Sequence 2, Appli

43 2025 78.6 449 1 US-08-458-516-13 Sequence 13, Appli

44 2019.5 78.4 462 4 US-09-289-942A-7 Sequence 7, Appli

45 2003.5 77.7 459 1 US-08-157-101A-7 Sequence 7, Appli

ALIGNMENTS

RESULT 1  
US-08-487-550-4  
; Sequence 4, Application US/08487550  
; Patent No. 6113898  
; GENERAL INFORMATION:  
; APPLICANT: Anderson, Darrell R.  
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF, PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS IMMUNOSUPPRESSANTS"  
; NUMBER OF SEQUENCES: 12  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS  
; STREET: 699 Prince Street  
; CITY: Alexandria  
; STATE: VA  
; COUNTRY: USA  
; ZIP: 22314  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/487,550  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Teskin, Robin L.  
; REGISTRATION NUMBER: 35,030  
; REFERENCE/DOCKET NUMBER: 012712-131  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 703-836-6620  
; TELEFAX: 703-836-2021  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 476 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-487-550-4

Query Match 100.0%; Score 2577; DB 3; Length 476;  
Best Local Similarity 100.0%; Pred. No. 3.2e-206;  
Matches 476; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 421 KTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVPCSWMEALHNHYTKSLSPGK 476  
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## RESULT 2

US-09-526-098-4  
; Sequence 4, Application US/09526098  
; Patent No. 6492134  
; GENERAL INFORMATION:  
; APPLICANT: Anderson, Darrell R.  
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC  
; TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF."  
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS  
; IMMUNOSUPPRESSANTS"

; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS  
; STREET: 699 Prince Street  
; CITY: Alexandria  
; STATE: VA  
; COUNTRY: USA  
; ZIP: 22314  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/383,916  
; FILING DATE:  
; APPLICATION NUMBER: US '08/487,550  
; FILING DATE: 07-JUN-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Teskin, Robin L.  
; REGISTRATION NUMBER: 35,030  
; REFERENCE/DOCKET NUMBER: 012712-131  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 703-836-6620  
; TELEFAX: 703-836-2021  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 476 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear

; MOLECULE TYPE: protein  
US-09-526-098-4

Query Match 100.0%; Score 2577; DB 4; Length 476;  
Best Local Similarity 100.0%; Pred. No. 3.2e-206;  
Matches 476; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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## RESULT 3

US-08-487-550-12  
; Sequence 12, Application US/08487550  
; Patent No. 6113898  
; GENERAL INFORMATION:  
; APPLICANT: Anderson, Darrell R.  
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC  
; TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF."  
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS  
; IMMUNOSUPPRESSANTS"

; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS  
; STREET: 699 Prince Street  
; CITY: Alexandria  
; STATE: VA  
; COUNTRY: USA  
; ZIP: 22314  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/487,550  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Teskin, Robin L.  
; REGISTRATION NUMBER: 35,030  
; REFERENCE/DOCKET NUMBER: 012712-131  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 703-836-6620

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OK nucleic - nucleic search, using sw model

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Title: US-09-758-173-5

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Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

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3	720	100.0	720	14	Sequence 5, Appli
4	720	100.0	720	14	US-10-124-905-5
5	720	100.0	720	14	US-10-073-138-3
6	720	100.0	720	15	US-10-124-807-5
7	720	100.0	720	15	US-10-291-532-5
8	607.6	84.8	720	13	US-10-292-088-15
9	607.6	84.4	720	13	US-10-292-088-7
10	607.2	84.4	720	13	US-10-158-646-63
11	606	84.2	720	13	US-10-292-088-63
12	604.4	83.9	720	13	US-10-466-164-33
13	604	83.9	720	13	US-10-292-088-101
14	602.8	83.7	720	13	US-10-292-088-55
					Sequence 39, Appli

15 602.8 83.7 720 13 US-10-292-088-79 Sequence 79, Appli  
16 599.6 83.3 720 13 US-10-292-088-31 Sequence 31, Appli  
17 596.4 82.8 6097 13 US-10-335-894-12 Sequence 12, Appli  
18 588.4 81.7 944 16 US-10-108-260A-1585 Sequence 1585, Ap  
19 588.4 81.7 968 10 US-09-992-600A-7 Sequence 7, Appli  
20 588.4 81.7 968 10 US-09-924-340-7 Sequence 7, Appli  
21 588.4 81.7 968 10 US-09-992-095B-7 Sequence 7, Appli  
22 588.4 81.7 968 10 US-09-999-570-7 Sequence 7, Appli  
23 588.4 81.7 968 15 US-10-000-489-7 Sequence 7, Appli  
24 588.4 81.7 968 15 US-10-000-986-7 Sequence 7, Appli  
25 588.4 81.7 968 15 US-10-154-678-7 Sequence 7, Appli  
26 588.4 81.7 968 15 US-10-001-142-7 Sequence 7, Appli  
27 585.2 81.3 738 15 US-10-158-646-61 Sequence 61, Appli  
28 557.8 77.1 720 13 US-09-972-656-91 Sequence 91, Appli  
29 554.8 77.1 720 13 US-10-404-724-5 Sequence 5, Appli  
30 553.2 76.8 720 13 US-10-404-724-11 Sequence 11, Appli  
31 550 76.4 720 13 US-10-404-724-48 Sequence 48, Appli  
32 548.4 76.2 720 13 US-10-404-724-44 Sequence 44, Appli  
33 548.4 76.2 720 13 US-10-404-724-46 Sequence 46, Appli  
34 546.8 75.9 720 13 US-10-404-724-40 Sequence 40, Appli  
35 546.8 75.9 720 13 US-10-404-724-42 Sequence 42, Appli  
36 546.6 75.9 657 10 US-09-972-656-103 Sequence 103, App  
37 545.2 75.7 720 13 US-10-404-724-38 Sequence 38, Appli  
38 543.6 75.5 720 13 US-10-404-724-9 Sequence 9, Appli  
39 535.4 74.4 657 10 US-09-972-656-105 Sequence 105, App  
40 533.8 74.1 663 9 US-09-822-698A-25 Sequence 25, Appli  
41 533 74.0 663 10 US-09-972-656-93 Sequence 93, Appli  
42 520.6 72.3 799 10 US-09-909-567B-14 Sequence 14, Appli  
43 519.2 72.1 729 10 US-09-726-258-41 Sequence 41, Appli  
44 504 70.0 1775 15 US-10-158-646-64 Sequence 64, Appli  
45 500 69.4 717 15 US-10-171-452A-37 Sequence 37, Appli

#### ALIGNMENTS

#### RESULT 1

US-09-948-429B-5

; Sequence 5, Application US/09948429B

; Patent No. US20020177689A1

; GENERAL INFORMATION:

; APPLICANT: Anderson, Darrell R.

; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC

; TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,

; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS

; IMMUNOSUPPRESSANTS"

; NUMBER OF SEQUENCES: 12

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: BURNS, DOANE, SWICKER & MATHIS

; STREET: 699 Prince Street

; CITY: Alexandria

; STATE: VA

; COUNTRY: USA

; ZIP: 22314

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent in Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/948,429B

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION NUMBER: 09/383,916

; FILING DATE:

; APPLICATION NUMBER: US 08/487,550

; FILING DATE: 07-JUN-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: Teskin, Robin L.

; REGISTRATION NUMBER: 35,030

; REFERENCE/DOCKET NUMBER: 012712-131

; TELECOMMUNICATION INFORMATION:

TELEPHONE: 703-836-6620  
TELEFAX: 703-836-2021  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 720 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: not relevant  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..720  
NAME/KEY: mat\_peptide  
LOCATION: 1..720  
US-09-948-429B-5

Query Match 100.0%; Score 720; DB 9; Length 720;  
Best Local Similarity 100.0%; Pred. No. 1.8e-219;  
Matches 720; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
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Db 1 ATGAGCTCCCTGCTCAGCTCTCGGGCTGCTATTGCTCTGGTCCCGGGTCCAGTGGG 60  
QY 61 GAAGTTGTGATGACTCAGCTCTCCACTGCTCCCTCCATCACCTGGAGAGCGGCTCC 120  
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RESULT 2

US-09-758-173-5

; Sequence 5, Application US/09758173

Publication No. US20010024648A1  
GENERAL INFORMATION:  
APPLICANT: Anderson, Dattell R.  
TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,  
TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS IMMUNOSUPPRESSANTS"  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS  
STREET: 699 Prince Street  
CITY: Alexandria  
STATE: VA  
COUNTRY: USA  
ZIP: 22314  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/758,173  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/383,916  
FILING DATE:  
APPLICATION NUMBER: US 08/487,550  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Teskin, Robin L.  
REGISTRATION NUMBER: 35,030  
REFERENCE/DOCKET NUMBER: 012712-131  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-836-6620  
TELEFAX: 703-836-2021  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 720 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: not relevant  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..720  
FEATURE:  
NAME/KEY: mat\_peptide  
LOCATION: 1..720  
US-09-758-173-5

Query Match 100.0%; Score 720; DB 13; Length 720;  
Best Local Similarity 100.0%; Pred. No. 1.8e-219;  
Matches 720; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
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Db 61 GAAGTTGTGATGACTCAGTCTCCACTGCTCCCTCCATCACCTGGAGAGCGGCTCC 120  
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Db 121 ATCTCTGTAGTCTAGTCAAGCTTAAACACAGTAAATGGAGACACCTTCTGAGTTGG 180  
QY 181 TATCAGCAGAGCCAGGCCAACCTTCAAGCTCTCTGATTATAGGTTTCTAACCGGGAC 240  
Db 181 TATCAGCAGAGCCAGGCCAACCTTCAAGCTCTCTGATTATAGGTTTCTAACCGGGAC 240  
QY 241 TCTGGGGTCCACAGACAGATTACAGCGGAGTGGGAGGAGAGATTTACACTGAATC 300

GenCore version 5.1.6  
Copyright (c) 1993 - 2004 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: June 7, 2004, 00:41:24 ; Search time 56.951 Seconds  
(without alignments)  
7015.931 Million cell updates/sec

Title: US-09-758-173-5  
Perfect score: 720  
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Scoring table: IDENTITY NUC  
Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents NA.\*  
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

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13	489.4	68.0	5703	1	US-08-467-420A-50
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15	489.4	68.0	5703	1	US-08-667-769A-50
16	489.4	68.0	5703	2	US-08-940-371-50
17	489.4	68.0	5703	3	US-08-637-647-50
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21	486.4	67.6	19040	4	US-09-343-485A-3
22	486	67.5	705	4	US-09-472-087-43
23	486	67.5	705	4	US-09-472-087-60
24	480	66.7	702	4	US-09-472-087-41
25	480	66.7	702	4	US-09-472-087-58
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28	474	65.8	672	4	US-09-456-090A-45	Sequence 45, Appl
29	472.4	65.6	672	4	US-09-456-090A-83	Sequence 83, Appl
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31	468.8	65.1	705	1	US-08-488-376-16	Sequence 16, Appl
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33	468.8	65.1	705	2	US-08-634-224-16	Sequence 16, Appl
34	468.8	65.1	705	2	US-08-634-400-16	Sequence 16, Appl
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37	468.8	65.1	705	3	US-09-335-697B-16	Sequence 16, Appl
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41	467.6	64.9	672	4	US-09-456-090A-81	Sequence 81, Appl
42	467.6	64.9	672	4	US-09-456-090A-87	Sequence 87, Appl
43	467.6	64.9	672	4	US-09-456-090A-89	Sequence 89, Appl
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45	462	64.2	729	1	US-08-276-852-168	Sequence 168, App

## ALIGNMENTS

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; Sequence 5, Application US/08487550  
; Patent No. 6113898  
; GENERAL INFORMATION:  
; APPLICANT: Anderson, Darrell R.  
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC TO HUMAN E7.1 AND/OR E7.2 PRIMATIZED FORMS THEREOF, AND USE THEREOF AS PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS IMMUNOSUPPRESSANTS"  
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS IMMUNOSUPPRESSANTS"  
; NUMBER OF SEQUENCES: 12  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS  
; STREET: 699 Prince Street  
; CITY: Alexandria  
; STATE: VA  
; COUNTRY: USA  
; ZIP: 22314

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION NUMBER: US/08/487,550  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Teskin, Robin L.  
REGISTRATION NUMBER: 35,030  
REFERENCE/DOCKET NUMBER: 012712-131  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-836-6620  
TELEFAX: 703-836-2021  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 720 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: not relevant  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..720  
FEATURE:  
NAME/KEY: mat\_peptide  
LOCATION: 1..720  
US-08-487-550-5

Query Match 100.0%; Score 720; DB 3; Length 720;



GenCore version 5.1.6  
Copyright (c) 1993 - 2004 Compugen Ltd.

OK protein - protein search, using sw model

Run on: June 6, 2004, 12:00:32 ; Search time 23.3525 Seconds  
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2879.347 Million cell updates/sec

Title: US-09-758-173-6

Perfect score: 1242

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Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1155919 seqs, 281338677 residues

Total number of hits satisfying chosen parameters: 1155919

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

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Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

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3	1242	100.0	239	13	Sequence 6, Appli
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6	1085	87.4	239	12	Sequence 16, Appl
7	1082	87.1	239	12	Sequence 56, Appl
8	1081	87.0	247	12	Sequence 69, Appl
9	1080	87.0	239	12	Sequence 8, Appli
10	1074	86.5	239	12	Sequence 32, Appl
11	1074	86.5	239	12	Sequence 102, App
12	1072	86.3	239	12	Sequence 40, Appl
13	1071	86.2	239	12	Sequence 80, Appl
14	1071	86.2	239	12	Sequence 64, Appl
15	1069	86.1	239	15	Sequence 4028, Ap

Sequence 8, Appli  
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Sequence 49, Appl  
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16 1068 86.0 239 10 US-09-992-600A-8  
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28 1035 83.3 239 12 US-10-404-724-39  
29 1035 83.3 239 12 US-10-404-724-43  
30 1027 82.7 239 12 US-10-404-724-10  
31 1012 81.5 239 12 US-10-404-724-6  
32 1009 81.2 239 12 US-10-228-435A-11  
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34 1003.5 80.8 238 14 US-10-171-452A-38  
35 1003.5 80.8 238 14 US-10-171-452A-56  
36 1003.5 80.8 238 15 US-10-353-708-38  
37 1003.5 80.8 238 15 US-10-353-708-56  
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41 993.5 80.0 238 15 US-10-353-708-44  
42 993.5 80.0 238 15 US-10-353-708-50  
43 992.5 79.9 220 9 US-09-822-698A-24  
44 991 79.8 219 10 US-09-972-656-104  
45 979 78.8 235 16 US-10-658-769-38

#### ALIGNMENTS

#### RESULT 1

US-09-948-429B-6

; Sequence 6, Application US/99948429B

; Patent No. US20020177689A1

; GENERAL INFORMATION:

; APPLICANT: Anderson, Darrell R.

; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC

; TITLE OF INVENTION: TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,

; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS

; TITLE OF INVENTION: IMMUNOSUPPRESSANTS"

; NUMBER OF SEQUENCES: 12

; CORRESPONDENCE ADDRESSES:

; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS

; STREET: 699 Prince Street

; CITY: Alexandria

; STATE: VA

; COUNTRY: USA

; ZIP: 22314

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/948,429B

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 09/393,916

; FILING DATE:

; APPLICATION NUMBER: US 08/487,550

; FILING DATE: 07-JUN-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: Teskin, Robin L.

; REGISTRATION NUMBER: 35,030

; REFERENCE/DOCKET NUMBER: 012712-131

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 703-836-6620

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; TELEFAX: 703-836-2021
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 239 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-948-429B-6

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Best Local Similarity 100.0%; Pred. No. 2e-71;
Matches 239; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 61 YQKPGQPPRLIIYKVNRSRGVDPDRFSGSGAGTFTLKISAVEADVGVPFCQGTTP 120
QY 121 PTFGGGTVKVEIKRTVAAPSVFIPPPSDEQLKSGTASVCLLNFPYPREAKVQWKVDNALQ 180
DB 121 PTFGGGTVKVEIKRTVAAPSVFIPPPSDEQLKSGTASVCLLNFPYPREAKVQWKVDNALQ 180
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DB 181 SGNQSVTEQDSKDYSLSTLTSKADYKHKVYACEVTHQGLSSPVTKSPNRGEC 239

RESULT 2
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; Sequence 6, Application US/09758173
; Publication No. US20010024648A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, Darrell R.
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC
; TITLE OF INVENTION: TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS
; TITLE OF INVENTION: IMMUNOSUPPRESSANTS"
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: 699 Prince Street
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09758.173
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/383,916
; FILING DATE:
; APPLICATION NUMBER: US 08/487,550
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Teskin, Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 012712-131
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6620
; TELEFAX: 703-836-2021
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 239 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-10-124-905-6
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; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-758-173-6

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Best Local Similarity 100.0%; Pred. No. 2e-71;
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QY 61 YQKPGQPPRLIIYKVNRSRGVDPDRFSGSGAGTFTLKISAVEADVGVPFCQGTTP 120
DB 61 YQKPGQPPRLIIYKVNRSRGVDPDRFSGSGAGTFTLKISAVEADVGVPFCQGTTP 120
QY 121 PTFGGGTVKVEIKRTVAAPSVFIPPPSDEQLKSGTASVCLLNFPYPREAKVQWKVDNALQ 180
DB 121 PTFGGGTVKVEIKRTVAAPSVFIPPPSDEQLKSGTASVCLLNFPYPREAKVQWKVDNALQ 180
QY 181 SGNQSVTEQDSKDYSLSTLTSKADYKHKVYACEVTHQGLSSPVTKSPNRGEC 239
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RESULT 3
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; Sequence 6, Application US/10124905
; Publication No. US20020166136A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, Darrell R.
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC
; TITLE OF INVENTION: TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS
; TITLE OF INVENTION: IMMUNOSUPPRESSANTS"
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: 699 Prince Street
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/124,905
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/383,916
; FILING DATE:
; APPLICATION NUMBER: US 08/487,550
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Teskin, Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 012712-131
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6620
; TELEFAX: 703-836-2021
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 239 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-10-124-905-6

Query Match      100.0%; Score 1242; DB 13; Length 239;
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GenCore version 5.1.6  
Copyright (c) 1993 - 2004 Compugen Ltd.

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Title: US-09-758-173-6

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Minimum DB seq length: 0

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Post-processing: Minimum Match 0%

Maximum Match 100%

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	1242	100.0	239	3	US-08-487-550-6
2	1242	100.0	239	4	US-09-526-098-6
3	978	78.7	241	2	US-07-916-098A-56
4	976	78.6	242	1	US-08-398-613A-56
5	976	78.6	242	1	US-08-398-612A-56
6	976	78.6	242	1	US-08-398-611A-56
7	976	78.6	242	2	US-08-431-334A-56
8	976	78.6	242	3	US-09-027-449-42
9	976	78.6	242	3	US-08-804-444A-42
10	976	78.6	242	4	US-09-026-985-42
11	976	78.6	242	4	US-09-121-952A-42
12	976	78.6	242	4	US-09-234-340A-42
13	975.5	78.5	240	4	US-09-301-593-36
14	969	78.0	235	4	US-09-472-087-14
15	969	78.0	235	4	US-09-472-087-65
16	963	77.5	233	4	US-09-472-087-15
17	963	77.5	233	4	US-09-472-087-67
18	957.5	77.1	234	4	US-09-472-087-17
19	957.5	77.1	234	4	US-09-472-087-69
20	939.5	75.6	234	3	US-09-049-672A-6
21	936	75.4	242	3	US-09-027-449-62
22	936	75.4	242	3	US-09-026-985-62
23	936	75.4	242	4	US-09-121-952A-62
24	936	75.4	242	4	US-09-234-340A-62
25	935	75.3	242	3	US-09-027-449-51
26	935	75.3	242	3	US-08-804-444A-51
27	935	75.3	242	3	US-09-026-985-51

28	935	75.3	242	4	US-09-121-952A-51	Sequence 51, Appl
29	935	75.3	242	4	US-09-234-340A-51	Sequence 51, Appl
30	932	75.0	219	3	US-09-027-449-72	Sequence 72, Appl
31	932	75.0	219	3	US-09-026-985-72	Sequence 72, Appl
32	932	75.0	219	4	US-09-121-952A-72	Sequence 72, Appl
33	932	75.0	219	4	US-09-234-340A-72	Sequence 72, Appl
34	932	75.0	242	3	US-09-027-449-56	Sequence 56, Appl
35	932	75.0	242	3	US-08-804-444A-56	Sequence 56, Appl
36	932	75.0	242	3	US-09-026-985-56	Sequence 56, Appl
37	932	75.0	242	4	US-09-121-952A-56	Sequence 56, Appl
38	932	75.0	242	4	US-09-234-340A-56	Sequence 56, Appl
39	928.5	74.8	240	4	US-09-301-593-28	Sequence 28, Appl
40	927.5	74.7	224	4	US-09-456-090A-46	Sequence 46, Appl
41	915.5	73.7	224	4	US-09-456-090A-84	Sequence 84, Appl
42	913.5	73.6	224	4	US-09-456-090A-82	Sequence 82, Appl
43	913.5	73.6	224	4	US-09-456-090A-88	Sequence 88, Appl
44	913.5	73.6	224	4	US-09-456-090A-90	Sequence 90, Appl
45	909.5	73.2	220	3	US-08-952-235-1	Sequence 1, Appl

ALIGNMENTS

RESULT 1  
US-08-487-550-6  
; Sequence 6, Application US/08487550  
; Patent No. 6113898  
; GENERAL INFORMATION:  
; APPLICANT: Anderson, Darrell R.  
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC TO HUMAN B7.1 AND/OR B7.2 PRIMATED FORMS THEREOF."  
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS IMMUNOSUPPRESSANTS  
; NUMBER OF SEQUENCES: 12  
; CORRESPONDENCE ADDRESS:  
; ADDRESSES: BURNS, DOANE, SWECKER & MATHIS  
; STREET: 699 Prince Street  
; CITY: Alexandria  
; STATE: VA  
; COUNTRY: USA  
; ZIP: 22314  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/487,550  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Taskin, Robin L.  
; REGISTRATION NUMBER: 35,030  
; REFERENCE/DOCKET NUMBER: 012712-131  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 703-836-6620  
; TELEFAX: 703-836-2021  
; INFORMATION FOR SEQ ID NO. 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 239 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-487-550-6

Query Match 100.0%; Score 1242; DB 3; Length 239;  
Best Local Similarity 100.0%; Pred. No. 5.5e-161;  
Matches 239; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
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DB 61 YQKQPGQPRLLIYKVNRSQVDPFSGSGAGTDTFLKISAVEAEDGVYFCGGGTRTP 120  
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DB 121 PTFGGGTVKVEIKRTVAAPSVFPPSDQKSGTASVCLLNFTPREAKVQKVDNALQ 180  
QY 181 SGNQSVTEQDSKSTYSLSSTLTLSKADYKHKVYACEVTHQGLSSPVTKSFNRGEC 239  
DB 181 SGNQSVTEQDSKSTYSLSSTLTLSKADYKHKVYACEVTHQGLSSPVTKSFNRGEC 239

## RESULT 2

US-09-526-098-6  
; Sequence 6, Application US/09526098  
; Patent No. 6492134  
; GENERAL INFORMATION:  
; APPLICANT: Anderson, Darrell R.  
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC  
; TITLE OF INVENTION: TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,  
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS  
; NUMBER OF SEQUENCES: 12  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BURNS, DOANE, SHECKER & MATHIS  
; STREET: 699 Prince Street  
; CITY: Alexandria  
; STATE: VA  
; COUNTRY: USA  
; ZIP: 22314  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/526,098  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/383,916  
; FILING DATE:  
; APPLICATION NUMBER: 09/487,550  
; FILING DATE: 07-JUN-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Feskin, Robin L.  
; REGISTRATION NUMBER: 35,030  
; REFERENCE/DOCKET NUMBER: 012712-131  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 703-836-6620  
; TELEFAX: 703-836-2021  
; INFORMATION FOR SEQ ID NO: 6:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 239 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-09-526-098-6

Query Match 100.0%; Score 1242; DB 4; Length 239;  
Best Local Similarity 100.0%; Pred. No. 5.5e-101;  
Matches 239; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 61 YQKQPGQPRLLIYKVNRSQVDPFSGSGAGTDTFLKISAVEAEDGVYFCGGGTRTP 120  
QY 121 PTFGGGTVKVEIKRTVAAPSVFPPSDQKSGTASVCLLNFTPREAKVQKVDNALQ 180

DB 121 PTFGGGTVKVEIKRTVAAPSVFPPSDQKSGTASVCLLNFTPREAKVQKVDNALQ 180  
QY 181 SGNQSVTEQDSKSTYSLSSTLTLSKADYKHKVYACEVTHQGLSSPVTKSFNRGEC 239  
DB 181 SGNQSVTEQDSKSTYSLSSTLTLSKADYKHKVYACEVTHQGLSSPVTKSFNRGEC 239

## RESULT 3

US-07-916-098A-56  
; Sequence 56, Application US/07916098A  
; Patent No. 5871732  
; GENERAL INFORMATION:  
; APPLICANT: BURKLY, LINDA C.  
; APPLICANT: CHISHOLM, PATRICIA L.  
; APPLICANT: THOMAS, DAVID W.  
; APPLICANT: ROSA, MARGARET D.  
; APPLICANT: ROSA, JOSEPH J.  
; TITLE OF INVENTION: ANTI-CD4 ANTIBODY HOMOLOGS USEFUL IN  
; TITLE OF INVENTION: PROPHYLAXIS AND TREATMENT OF AIDS, ARC AND HIV INFECTION  
; NUMBER OF SEQUENCES: 61  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: ALLEGRETTI & WITCOFF, LTD.  
; STREET: 10 SOUTH WACKER DRIVE  
; CITY: CHICAGO  
; STATE: ILLINOIS  
; COUNTRY: U.S.A.  
; ZIP: 60606  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: WORD PERFECT 5.1  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/07/916,098A  
; FILING DATE: July 24, 1992  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US91/08843  
; FILING DATE: No. 5871732ember 27, 1991  
; CLASSIFICATION: 424  
; APPLICATION NUMBER: 07/618,542  
; FILING DATE: No. 5871732ember 27, 1990  
; ATTORNEY/AGENT INFORMATION:  
; NAME: JOHN J. MC DONNELL  
; REGISTRATION NUMBER: 26,949  
; REFERENCE/DOCKET NUMBER: 92,310-G  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (312) 715-1000  
; TELEFAX: (312) 715-1234  
; TELEX: 910/221-5317  
; INFORMATION FOR SEQ ID NO: 56:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 241 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-07-916-098A-56

Query Match 78.7%; Score 978; DB 2; Length 241;  
Best Local Similarity 80.4%; Pred. No. 6.4e-78;  
Matches 193; Conservative 22; Mismatches 23; Indels 2; Gaps 2;

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DB 3 MRYPAQLGLLLLCVPGSGEVVMTQSPLSLAVSLGERATINCKSGSLYSTNQKNYLA 62  
QY 60 WYQKQPGQPRLLIYKVNRSQVDPFSGSGAGTDTFLKISAVEAEDGVYFCGGGTRTP 119  
DB 63 WYQKQPGQPRLLIYKVNRSQVDPFSGSGAGTDTFLKISAVEAEDGVYFCGGGTRTP 121  
QY 120 PTFGGGTVKVEIKRTVAAPSVFPPSDQKSGTASVCLLNFTPREAKVQKVDNAL 179

GenCore version 5.1.6  
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(without alignments)  
5650.904 Million cell updates/sec

Title: US-09-758-173-7

Perfect score: 1437

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Searched: 2995936 seqs, 2280998010 residues

Total number of hits satisfying chosen parameters: 5991872

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

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Database : Published Applications NA:

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

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4	1437	100.0	1437	14	US-10-073-138-4
5	1437	100.0	1437	15	US-10-124-807-7
6	1437	100.0	1437	15	US-10-291-532-7
7	1238.6	86.2	1642	16	US-10-104-047-1842
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9	1186	82.5	1798	9	US-09-925-299-230
10	1186	82.5	1798	10	US-09-925-299-230
11	1185	82.5	1425	16	US-10-461-148-11
12	1185	82.5	1430	10	US-09-848-832-1
13	1185	82.5	1430	15	US-10-225-108A-1
14	1184	82.4	1644	16	US-10-291-265-159

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Sequence 1932, Ap  
Sequence 2197, Ap  
Sequence 1630, Ap  
Sequence 25, Appl  
Sequence 27, Appl  
Sequence 20, Appl  
Sequence 19, Appl  
Sequence 25, Appl  
Sequence 1852, Ap  
Sequence 111, App  
Sequence 571, App  
Sequence 14, Appl  
Sequence 1835, Ap  
Sequence 2238, Ap  
Sequence 1748, Ap  
Sequence 13, Appl  
Sequence 7, Appl  
Sequence 16, Appl  
Sequence 103, App  
Sequence 303, App  
Sequence 27, Appl  
Sequence 15, Appl  
Sequence 8, Appl  
Sequence 1851, Ap  
Sequence 1845, Ap  
Sequence 20, Appl  
Sequence 114, App  
Sequence 1760, Ap  
Sequence 321, App

15 1184 82.4 1673 13 US-10-342-887-1932  
16 1184 82.4 1673 13 US-10-172-118-1932  
17 1183.4 82.4 1633 16 US-10-108-260A-2197  
18 1173 81.6 1631 16 US-10-108-260A-1630  
19 1171.4 81.5 1427 14 US-10-066-895-25  
20 1171.4 81.5 1427 14 US-10-066-895-27  
21 1171.2 81.5 1407 17 US-10-656-769-19  
22 1169.8 81.4 1427 14 US-10-066-895-20  
23 1169.6 81.4 1407 17 US-10-656-769-25  
24 1166.6 81.2 1633 16 US-10-108-260A-1852  
25 1165.4 81.1 1615 9 US-09-822-849A-111  
26 1163 80.9 1617 9 US-09-822-830A-571  
27 1158.4 80.6 6284 14 US-10-066-895-14  
28 1155 80.4 1627 16 US-10-108-260A-1835  
29 1155 80.4 1639 16 US-10-108-260A-2238  
30 1148.2 79.9 1624 16 US-10-108-260A-1748  
31 1147.8 79.9 1392 13 US-10-147-849-13  
32 1147.8 79.9 1392 15 US-10-150-475A-7  
33 1147.8 79.9 9588 13 US-10-147-849-16  
34 1142.8 79.5 1598 9 US-09-822-849A-103  
35 1142.8 79.5 1634 9 US-09-822-830A-303  
36 1141.4 79.4 1356 9 US-09-822-698A-27  
37 1141.4 79.4 1431 15 US-10-225-108A-15  
38 1141.4 79.4 1431 16 US-10-461-148-8  
39 1141.4 79.4 1620 16 US-10-108-260A-1851  
40 1139.8 79.3 1618 16 US-10-108-260A-1845  
41 1138.6 79.2 1347 9 US-09-736-371B-20  
42 1138.6 79.2 1347 16 US-10-463-442-20  
43 1138.6 79.2 1590 9 US-09-822-849A-114  
44 1138.6 79.2 1637 16 US-10-104-047-1760  
45 1138.6 79.2 1640 9 US-09-822-849A-321

#### ALIGNMENTS

#### RESULT 1

US-09-948-429B-7  
; Sequence 7, Application US/09948429B  
; Patent No. US20020177689A1  
; GENERAL INFORMATION:  
; APPLICANT: Anderson, Darrell R.  
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF."  
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS IMMUNOSUPPRESSANTS  
; NUMBER OF SEQUENCES: 12  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS  
; CITY: Alexandria  
; STATE: VA  
; COUNTRY: USA  
; ZIP: 22314

COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION NUMBER: US/09/948,429B  
; FILING DATE:  
; CLASSIFICATION:  
; PRIORITY APPLICATION NUMBER: 09/383,916  
; FILING DATE:  
; APPLICATION NUMBER: US 08/487,550  
; FILING DATE: 07-JUN-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Teskin, Robin L.  
; REGISTRATION NUMBER: 35,030  
; REFERENCE/DOCKET NUMBER: 012712-131  
; TELECOMMUNICATION INFORMATION:



GenCore version 5.1.6  
Copyright (c) 1993 - 2004 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: June 7, 2004, 00:41:24 ; Search time 113.665 Seconds  
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7015.931 Million cell updates/sec

Title: US-09-758-173-7  
Perfect score: 1437  
Sequence: 1 ATGGGFTGGAGCCTCATCTT.....CCCTGTCTCCGGTAAATGA 1437

Scoring table: IDENTITY NUC  
Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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2	1437	100.0	1437	4	US-09-526-098-7
3	1177.8	82.0	13040	1	US-09-343-485A-3
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5	1142	79.5	1350	1	US-08-157-101A-9
6	1133.4	78.9	1599	4	US-09-023-655-1120
7	1131.8	78.8	1617	2	US-08-378-939-9
8	1127.4	78.5	9209	1	US-08-149-099C-3
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18	1120.6	78.0	8120	4	US-09-121-952A-68
19	1120.6	78.0	8120	4	US-09-234-340A-68
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22	1118.2	77.8	1428	2	US-08-634-224-19
23	1118.2	77.8	1428	2	US-08-634-400-19
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25	1118.2	77.8	1428	2	US-08-770-057-19
26	1118.2	77.8	1428	3	US-09-335-697B-19
27	1118.2	77.8	1428	4	US-09-335-697B-19

28	1118.2	77.8	1428	4	US-09-740-002-19	Sequence 19, Appl
29	1117.2	77.7	1431	3	US-08-487-550-3	Sequence 3, Appl
30	1117.2	77.7	1431	4	US-09-526-098-3	Sequence 3, Appl
31	1113.4	77.5	1428	1	US-08-488-376-17	Sequence 17, Appl
32	1113.4	77.5	1428	2	US-08-634-223-17	Sequence 17, Appl
33	1113.4	77.5	1428	2	US-08-634-224-17	Sequence 17, Appl
34	1113.4	77.5	1428	2	US-08-634-400-17	Sequence 17, Appl
35	1113.4	77.5	1428	2	US-08-635-878-17	Sequence 17, Appl
36	1113.4	77.5	1428	2	US-08-770-057-17	Sequence 17, Appl
37	1113.4	77.5	1428	3	US-09-335-697B-17	Sequence 17, Appl
38	1113.4	77.5	1428	4	US-09-335-697B-17	Sequence 17, Appl
39	1113.4	77.5	1428	4	US-09-740-002-17	Sequence 17, Appl
40	1112.4	77.4	1431	3	US-08-487-550-11	Sequence 11, Appl
41	1112.4	77.4	1431	4	US-09-526-098-11	Sequence 11, Appl
42	1108	77.1	1418	4	US-08-793-450-7	Sequence 7, Appl
43	1102	76.7	6557	1	US-08-286-740-3	Sequence 3, Appl
44	1102	76.7	6557	5	PCT-US95-09576-3	Sequence 3, Appl
45	1087	75.6	1567	3	US-09-049-672A-17	Sequence 17, Appl

## ALIGNMENTS

RESULT 1  
US-08-487-550-7  
; Sequence 7, Application US/08487550  
; Patent No. 6113898  
; GENERAL INFORMATION:

APPLICANT: Anderson, Darrell R.  
TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF, AND USE THEREOF AS PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS IMMUNOSUPPRESSANTS"  
TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS IMMUNOSUPPRESSANTS  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSER: BURNS, DOANE, SWECKER & MATHIS  
STREET: 699 Prince Street  
CITY: Alexandria  
STATE: VA  
COUNTRY: USA  
ZIP: 22314

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/487,550  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Teskin, Robin L.  
REGISTRATION NUMBER: 35,030  
REFERENCE/DOCKET NUMBER: 012712-131  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-836-6620  
TELEFAX: 703-836-2021  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1437 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: not relevant  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..1437  
FEATURE:  
NAME/KEY: mat peptide  
LOCATION: 1..1437  
US-08-487-550-7

Query Match 100.0%; Score 1437; DB 3; Length 1437;



GenCore version 5.1.6  
Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

Run on: June 6, 2004, 12:00:32 ; Search time 46.705 Seconds  
(without alignments)  
2879.347 Million cell updates/sec

Title: US-09-758-173-8

Perfect score: 2561

Sequence: 1 MGNLSLILFLVAVATRYQCE.....MHEALHNYTQKSLSPGK 478

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1155919 seqs, 281338677 residues

Total number of hits satisfying chosen parameters: 1155919

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:

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17: /cgn2\_6/ptodata/2/pubpaa/US60\_NEW\_PUB.pep.\*  
18: /cgn2\_6/ptodata/2/pubpaa/US60\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
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2	2561	100.0	478	12	US-09-758-173-8
3	2561	100.0	478	13	US-10-124-905-8
4	2561	100.0	478	14	US-10-124-807-8
5	2561	100.0	478	14	US-10-291-532-8
6	2193.5	85.7	663	12	US-10-412-406-32
7	2190.5	85.5	469	16	US-10-656-769-26
8	2190.5	85.5	468	15	US-10-377-109-2
9	2184.5	85.3	452	10	US-09-726-258-71
10	2183	85.2	474	14	US-09-848-832-3
11	2183	85.2	474	14	US-10-225-108A-3
12	2183	85.2	474	15	US-10-461-148-1
13	2183	85.2	4852	12	US-10-412-406-33
14	2177.5	85.0	477	15	US-10-291-265-395
15	2176	85.0	470	14	US-10-020-786-9

Sequence 5, Appli  
Sequence 4, Appli  
Sequence 3812, Ap  
Sequence 4640, Ap  
Sequence 5, Appli  
Sequence 20, Appl  
Sequence 6, Appli  
Sequence 4, Appli  
Sequence 4681, Ap  
Sequence 26, Appl  
Sequence 11, Appl  
Sequence 79, Appl  
Sequence 21, Appl  
Sequence 21, Appl  
Sequence 4073, Ap  
Sequence 46, Appl  
Sequence 55, Appl  
Sequence 38, Appl  
Sequence 10, Appl  
Sequence 26, Appl  
Sequence 26, Appl  
Sequence 26, Appl  
Sequence 2, Appli  
Sequence 2, Appli  
Sequence 2, Appli  
Sequence 2, Appli  
Sequence 52, Appli  
Sequence 61, Appl

16 2176 85.0 470 14 US-10-227-694-5  
17 2175.5 84.9 447 16 US-10-474-832-4  
18 2173 84.8 478 15 US-10-104-047-3812  
19 2171 84.8 474 15 US-10-108-260A-4640  
20 2169.5 84.7 447 16 US-10-474-832-5  
21 2168.5 84.7 469 16 US-10-656-769-20  
22 2165.5 84.6 447 16 US-10-474-832-6  
23 2165 84.5 451 15 US-10-423-299-4  
24 2160.5 84.4 473 15 US-10-108-260A-4681  
25 2160 84.3 451 9 US-09-822-698A-26  
26 2156 84.2 476 14 US-10-020-786-11  
27 2155.5 84.2 445 14 US-10-320-231A-79  
28 2154 84.1 449 9 US-09-736-371B-21  
29 2154 84.1 449 15 US-10-463-442-21  
30 2150 84.0 472 15 US-10-108-260A-4073  
31 2149.5 83.9 731 9 US-09-825-012-46  
32 2149.5 83.9 741 9 US-09-825-012-55  
33 2148.5 83.9 446 16 US-10-408-901-38  
34 2148.5 83.9 979 15 US-10-418-836-10  
35 2147 83.8 464 12 US-10-029-926B-26  
36 2147 83.8 464 15 US-10-032-037B-26  
37 2147 83.8 454 15 US-10-029-988B-26  
38 2147 83.8 464 15 US-10-032-423A-26  
39 2146.5 83.8 449 14 US-10-253-366-2  
40 2146.5 83.8 449 14 US-10-316-694-2  
41 2146.5 83.8 449 14 US-10-356-974-2  
42 2146.5 83.8 449 15 US-10-423-299-2  
43 2146.5 83.8 449 16 US-10-659-825-2  
44 2144.5 83.7 729 9 US-09-825-012-52  
45 2144.5 83.7 739 9 US-09-825-012-61

#### ALIGNMENTS

#### RESULT 1

US-09-948-429B-8

Sequence 8, Application US/09948429B

Patent No. US20020177689A1

GENERAL INFORMATION:

APPLICANT: Anderson, Darrell R.

TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC

TITLE OF INVENTION: TO HUMAN B7.1 AND/OR B7.2 PRIVATIZED FORMS THEREOF, AND USE THEREOF AS

TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS

TITLE OF INVENTION: IMMUNOSUPPRESSANTS"

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:

ADDRESSER: BURNS, DOANE, SWECKER & MATHIS

STREET: 699 Prince Street

CITY: Alexandria

STATE: VA

COUNTRY: USA

ZIP: 22314

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/948,429B

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/383,916

FILING DATE:

APPLICATION NUMBER: US 08/487,550

FILING DATE: 07-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: Teskin, Robin L.

REGISTRATION NUMBER: 35,030

REFERENCE/DOCKET NUMBER: 012712-131

TELECOMMUNICATION INFORMATION:

TELEPHONE: 703-836-6620

TELEFAX: 703-836-2021  
 INFORMATION FOR SEQ ID NO: 8:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 478 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-09-948-429B-8

Query Match 100.0%; Score 2561; DB 9; Length 478;  
 Best Local Similarity 100.0%; Pred. No. 5.6e-165;  
 Matches 478; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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 DB 1 MMSLLILFLVAVATRVQCEVQLVSGGLVQPGSLRVSCAVSGFTFSDHYMYWFRQAP 60

QY 61 GKGPEWVGIRNKPNGGTTTEAASVKDRFTISRDDSKSIAYLQMSLSLKIEDTAVYYCTTS 120  
 DB 61 GKGPEWVGIRNKPNGGTTTEAASVKDRFTISRDDSKSIAYLQMSLSLKIEDTAVYYCTTS 120

QY 121 YISHCRGGVCYGYGFEFWGQCALVTSSASTKGPSPVPLAPSSKSTSGTAAALGCLVKDY 180  
 DB 121 YISHCRGGVCYGYGFEFWGQCALVTSSASTKGPSPVPLAPSSKSTSGTAAALGCLVKDY 180

QY 181 PPEPVTVSNWNSGALTSGVHTFPAVLQSSGLYSLSVVTVPSSSLGTQTYICNVNHPKPSNT 240  
 DB 181 PPEPVTVSNWNSGALTSGVHTFPAVLQSSGLYSLSVVTVPSSSLGTQTYICNVNHPKPSNT 240

QY 241 KVDKKAEPKSCDKTHCTCPAPPELLGGPSVFLPPKPKDTLMISRTPEVTCVVDVSHSHE 300  
 DB 241 KVDKKAEPKSCDKTHCTCPAPPELLGGPSVFLPPKPKDTLMISRTPEVTCVVDVSHSHE 300

QY 301 DPEVKFNWYVDGVEVHNNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALP 360  
 DB 301 DPEVKFNWYVDGVEVHNNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALP 360

QY 361 APIETISKAKGQPREPOVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVWESNGQPEN 420  
 DB 361 APIETISKAKGQPREPOVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVWESNGQPEN 420

QY 421 NYKTPPVLDSGDSFFLYSKLTVDSRWQQGNVFCSVWHEALHNHYTQKSLSLSPGK 478  
 DB 421 NYKTPPVLDSGDSFFLYSKLTVDSRWQQGNVFCSVWHEALHNHYTQKSLSLSPGK 478

## RESULT 2

US-09-758-173-8  
 Sequence 8, Application US/09758173  
 Publication No. US20010024648A1  
 GENERAL INFORMATION:  
 APPLICANT: Anderson, Darrell R.  
 TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC  
 TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,  
 PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS  
 IMMUNOSUPPRESSANTS"  
 NUMBER OF SEQUENCES: 12  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS  
 STREET: 699 Prince Street  
 CITY: Alexandria  
 STATE: VA  
 COUNTRY: USA  
 ZIP: 22314  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent in Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/758.173  
 FILING DATE:  
 CLASSIFICATION:

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 09/383,916  
 FILING DATE:  
 APPLICATION NUMBER: US 08/487,550  
 FILING DATE: 07-JUN-1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Teskin, Robin L.  
 REGISTRATION NUMBER: 35,030  
 REFERENCE/DOCKET NUMBER: 012712-131  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 703-836-6620  
 TELEFAX: 703-836-2021  
 INFORMATION FOR SEQ ID NO: 8:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 478 amino acids  
 TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-09-758-173-8

Query Match 100.0%; Score 2561; DB 12; Length 478;  
 Best Local Similarity 100.0%; Pred. No. 5.6e-165;  
 Matches 478; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MMSLLILFLVAVATRVQCEVQLVSGGLVQPGSLRVSCAVSGFTFSDHYMYWFRQAP 60  
 DB 1 MMSLLILFLVAVATRVQCEVQLVSGGLVQPGSLRVSCAVSGFTFSDHYMYWFRQAP 60

QY 61 GKGPEWVGIRNKPNGGTTTEAASVKDRFTISRDDSKSIAYLQMSLSLKIEDTAVYYCTTS 120  
 DB 61 GKGPEWVGIRNKPNGGTTTEAASVKDRFTISRDDSKSIAYLQMSLSLKIEDTAVYYCTTS 120

QY 121 YISHCRGGVCYGYGFEFWGQCALVTSSASTKGPSPVPLAPSSKSTSGTAAALGCLVKDY 180  
 DB 121 YISHCRGGVCYGYGFEFWGQCALVTSSASTKGPSPVPLAPSSKSTSGTAAALGCLVKDY 180

QY 181 PPEPVTVSNWNSGALTSGVHTFPAVLQSSGLYSLSVVTVPSSSLGTQTYICNVNHPKPSNT 240  
 DB 181 PPEPVTVSNWNSGALTSGVHTFPAVLQSSGLYSLSVVTVPSSSLGTQTYICNVNHPKPSNT 240

QY 241 KVDKKAEPKSCDKTHCTCPAPPELLGGPSVFLPPKPKDTLMISRTPEVTCVVDVSHSHE 300  
 DB 241 KVDKKAEPKSCDKTHCTCPAPPELLGGPSVFLPPKPKDTLMISRTPEVTCVVDVSHSHE 300

QY 301 DPEVKFNWYVDGVEVHNNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALP 360  
 DB 301 DPEVKFNWYVDGVEVHNNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALP 360

QY 361 APIETISKAKGQPREPOVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVWESNGQPEN 420  
 DB 361 APIETISKAKGQPREPOVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVWESNGQPEN 420

QY 421 NYKTPPVLDSGDSFFLYSKLTVDSRWQQGNVFCSVWHEALHNHYTQKSLSLSPGK 478  
 DB 421 NYKTPPVLDSGDSFFLYSKLTVDSRWQQGNVFCSVWHEALHNHYTQKSLSLSPGK 478

## RESULT 3

US-10-124-905-8  
 Sequence 8, Application US/10124905  
 Publication No. US20020166136A1  
 GENERAL INFORMATION:  
 APPLICANT: Anderson, Darrell R.  
 TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC  
 TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,  
 PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS  
 IMMUNOSUPPRESSANTS"  
 NUMBER OF SEQUENCES: 12  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS  
 STREET: 699 Prince Street  
 CITY: Alexandria  
 STATE: VA



GenCore version 5.1.6  
Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

Run on: June 6, 2004, 12:00:32 ; Search time 19.6653 Seconds  
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1254.863 Million cell updates/sec

Title: US-09-758-173-8

Perfect score: 2561

Sequence: 1 MWSLLILFLVAVATRVQCE.....MHEALHNYTQSLSPGK 478

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA.\*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
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2	2561	100.0	478	4	US-09-526-098-8
3	2184.5	85.3	452	3	US-09-027-449-71
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6	2184.5	85.3	452	4	US-09-234-340A-71
7	2146.5	83.8	449	4	US-09-679-397-2
8	2146.5	83.8	449	4	US-09-680-148-2
9	2146.5	83.8	449	4	US-09-304-465A-2
10	2138.5	83.5	459	1	US-08-157-101A-7
11	2135	83.4	451	2	US-08-887-352B-18
12	2135	83.4	451	3	US-09-109-207C-18
13	2135	83.4	451	3	US-09-282-505-2
14	2135	83.4	451	3	US-09-054-255-2
15	2135	83.4	451	3	US-09-286-005-18
16	2135	83.4	451	4	US-09-282-846-2
17	2135	83.4	451	4	US-09-680-145-2
18	2135	83.4	451	4	US-09-920-171-18
19	2132	83.2	451	2	US-08-887-352B-14
20	2132	83.2	451	2	US-08-887-352B-16
21	2132	83.2	451	3	US-08-466-151-65
22	2132	83.2	451	3	US-09-109-207C-14
23	2132	83.2	451	3	US-09-109-207C-16
24	2132	83.2	451	3	US-09-296-005-14
25	2132	83.2	451	3	US-09-296-005-16
26	2132	83.2	451	4	US-08-920-171-14
27	2132	83.2	451	4	US-09-920-171-16

28	2132	83.2	453	3	US-08-466-151-8	Sequence 8, Appli
29	2132	83.2	453	4	US-08-466-163B-8	Sequence 8, Appli
30	2132	83.2	453	4	US-09-802-096-8	Sequence 8, Appli
31	2100	82.0	476	2	US-08-378-939-10	Sequence 10, Appli
32	2089.5	81.6	467	3	US-09-049-672A-8	Sequence 8, Appli
33	2078	81.1	472	4	US-08-793-450-8	Sequence 8, Appli
34	2073.5	81.0	475	4	US-09-740-002-25	Sequence 25, Appli
35	2073	80.9	476	3	US-08-487-550-4	Sequence 4, Appli
36	2073	80.9	476	4	US-09-526-098-4	Sequence 4, Appli
37	2071.5	80.9	475	4	US-09-740-002-27	Sequence 27, Appli
38	2069	80.8	449	1	US-08-458-516-13	Sequence 13, Appli
39	2064	80.6	472	4	US-09-301-593-43	Sequence 43, Appli
40	2058.5	80.4	467	1	US-08-704-744-81	Sequence 81, Appli
41	2056.5	80.3	446	3	US-08-397-411-7	Sequence 7, Appli
42	2054	80.2	468	4	US-09-485-737B-67	Sequence 67, Appli
43	2054	80.2	472	4	US-09-301-593-30	Sequence 30, Appli
44	2054	80.2	711	4	US-09-485-737B-90	Sequence 90, Appli
45	2053	80.2	476	3	US-08-487-550-12	Sequence 12, Appli

ALIGNMENTS

RESULT 1  
US-08-487-550-8  
; Sequence 8, Application US/08487550  
; Patent No. 6113898  
; GENERAL INFORMATION:  
; APPLICANT: Anderson, Darrell R.  
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF.  
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS  
; TITLE OF INVENTION: IMMUNOSUPPRESSANTS"  
; NUMBER OF SEQUENCES: 12  
; CORRESPONDENCE ADDRESS:  
; ADDRESS: BURNS, DOANE, SWECKER & MATHIS  
; STREET: 699 Prince Street  
; CITY: Alexandria  
; STATE: VA  
; COUNTRY: USA  
; ZIP: 22314  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/487,550  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Teskin, Robin L.  
; REGISTRATION NUMBER: 35,030  
; REFERENCE/DOCKET NUMBER: 012712-131  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 703-836-6620  
; TELEFAX: 703-836-2021  
; INFORMATION FOR SEQ ID NO. 8:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 478 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-487-550-8

Query Match 100.0%; Score 2561; DB 3; Length 478;  
Best Local Similarity 100.0%; Pred. No. 9.8e-199;  
Matches 478; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MWSLLILFLVAVATRVQCEVQLVSGGLVQPGSLRVSCAVSGFTPSDHYMYFRQAP 60  
DB 1 MWSLLILFLVAVATRVQCEVQLVSGGLVQPGSLRVSCAVSGFTPSDHYMYFRQAP 60

QY 61 GKGPEWVGPIRNKPGGTTTEAASVKDRFTISRDDSKSIAYLQMSLKIEDTAVYICTTS 120  
DB 61 GKGPEWVGPIRNKPGGTTTEAASVKDRFTISRDDSKSIAYLQMSLKIEDTAVYICTTS 120  
QY 121 YLSHCRGGVCYGGYFEPWQGGALVTVSSASTKGPVFPPLAPSSKSTSGTAAALGCLVKDY 180  
DB 121 YLSHCRGGVCYGGYFEPWQGGALVTVSSASTKGPVFPPLAPSSKSTSGTAAALGCLVKDY 180  
QY 181 PPEPVTWNSGALTSVHTFPAVLQSSGLYSLSVWTVPSSSLGTTQYICNVNHPKPSNT 240  
DB 181 PPEPVTWNSGALTSVHTFPAVLQSSGLYSLSVWTVPSSSLGTTQYICNVNHPKPSNT 240  
QY 241 KVDKKAEPKSCDKTHTCPCPAPELGGPSVFLPPKPKDTLMISRTPETCVVVDVSHR 300  
DB 241 KVDKKAEPKSCDKTHTCPCPAPELGGPSVFLPPKPKDTLMISRTPETCVVVDVSHR 300  
QY 301 DPEVKFNWYDGVENVHNAKTPREEQYNSTYRVVSVLTVLHQDMLNGKEYCKVSNKALP 360  
DB 301 DPEVKFNWYDGVENVHNAKTPREEQYNSTYRVVSVLTVLHQDMLNGKEYCKVSNKALP 360  
QY 361 APIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVWESNGOPEN 420  
DB 361 APIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVWESNGOPEN 420  
QY 421 NYKTTTPVLDSDGSPFLYSKLTVDKSRWQQGNVPCSVNHEALHNHYTQKSLSLSPGK 478  
DB 421 NYKTTTPVLDSDGSPFLYSKLTVDKSRWQQGNVPCSVNHEALHNHYTQKSLSLSPGK 478

## RESULT 2

US-09-526-098-8  
; Sequence 8, Application US/09526098  
; Patent No. 6492134  
; GENERAL INFORMATION:  
; APPLICANT: Anderson, Darrell R.  
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC  
; TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF."  
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS  
; IMMUNOSUPPRESSANTS"  
; NUMBER OF SEQUENCES: 12  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BURNS, DONNE, SWECKER & MATHIS  
; STREET: 699 Prince Street  
; CITY: Alexandria  
; STATE: VA  
; COUNTRY: USA  
; ZIP: 22314

COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/526,098  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/383,916  
; FILING DATE:  
; APPLICATION NUMBER: US 08/487,550  
; FILING DATE: 07-JUN-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Teskin, Robin L.  
; REGISTRATION NUMBER: 35,030  
; REFERENCE/DOCKET NUMBER: 012712-131  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 703-836-6620  
; TELEFAX: 703-836-2021  
; INFORMATION FOR SEQ ID NO: 8:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 478 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear

MOLECULE TYPE: protein  
US-09-526-098-8  
Query Match 100.0%; Score 2561; DB 4; Length 478;  
Best Local Similarity 100.0%; Pred. No. 9.8e-199;  
Matches 478; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MMSLLILLFLVAVATRVQCEWQVLSGGGLVQPGSLRVSCAVSGFTFSDHYMYWFRQAP 60  
DB 1 MMSLLILLFLVAVATRVQCEWQVLSGGGLVQPGSLRVSCAVSGFTFSDHYMYWFRQAP 60  
QY 61 GKGPEWVGPIRNKPGGTTTEAASVKDRFTISRDDSKSIAYLQMSLKIEDTAVYICTTS 120  
DB 61 GKGPEWVGPIRNKPGGTTTEAASVKDRFTISRDDSKSIAYLQMSLKIEDTAVYICTTS 120  
QY 121 YLSHCRGGVCYGGYFEPWQGGALVTVSSASTKGPVFPPLAPSSKSTSGTAAALGCLVKDY 180  
DB 121 YLSHCRGGVCYGGYFEPWQGGALVTVSSASTKGPVFPPLAPSSKSTSGTAAALGCLVKDY 180  
QY 181 PPEPVTWNSGALTSVHTFPAVLQSSGLYSLSVWTVPSSSLGTTQYICNVNHPKPSNT 240  
DB 181 PPEPVTWNSGALTSVHTFPAVLQSSGLYSLSVWTVPSSSLGTTQYICNVNHPKPSNT 240  
QY 241 KVDKKAEPKSCDKTHTCPCPAPELGGPSVFLPPKPKDTLMISRTPETCVVVDVSHR 300  
DB 241 KVDKKAEPKSCDKTHTCPCPAPELGGPSVFLPPKPKDTLMISRTPETCVVVDVSHR 300  
QY 301 DPEVKFNWYDGVENVHNAKTPREEQYNSTYRVVSVLTVLHQDMLNGKEYCKVSNKALP 360  
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QY 361 APIEKTISKAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVWESNGOPEN 420  
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QY 421 NYKTTTPVLDSDGSPFLYSKLTVDKSRWQQGNVPCSVNHEALHNHYTQKSLSLSPGK 478  
DB 421 NYKTTTPVLDSDGSPFLYSKLTVDKSRWQQGNVPCSVNHEALHNHYTQKSLSLSPGK 478

## RESULT 3

US-09-027-449-71  
; Sequence 71, Application US/09027449  
; Patent No. 6025158  
; GENERAL INFORMATION:  
; APPLICANT: Gonzalez, Tania R.  
; APPLICANT: Leong, Steven R.  
; APPLICANT: Presta, Leonard G.  
; TITLE OF INVENTION: Antibody Fragment-Polymer Conjugates and  
; Humanized Anti-IL-8 Monoclonal Antibodies  
; NUMBER OF SEQUENCES: 72  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Genentech, Inc.  
; STREET: 1 DNA Way  
; CITY: South San Francisco  
; STATE: California  
; COUNTRY: USA  
; ZIP: 94080  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: WinPatIn (Genentech)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/027,449  
; FILING DATE: 20-Feb-1998  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/074,330  
; FILING DATE: 22-Jan-1998  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 60/038,664  
; FILING DATE: 21-Feb-1997

GenCore version 5.1.6  
Copyright (c) 1993 - 2004 Compugen Ltd.

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Run on: June 7, 2004, 01:56:45 ; Search time 573.993 Seconds  
(without alignments)  
5650.904 Million cell updates/sec

Title: US-09-758-173-9

Perfect score: 711

Sequence: 1 ATGAGGTCCTCCGCTCAGCT.....CCCTACAGATGTCATGA 711

Scoring table: IDENTITY\_NUC

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Searched: 2995936 seqs, 2280998010 residues

Total number of hits satisfying chosen parameters: 5991872

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications NA:\*

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5: /cgn2\_6/ptodata/1/pubpna/US07 NEW PUB.seq.\*

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9: /cgn2\_6/ptodata/1/pubpna/US09A PUBCOMB.seq.\*

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11: /cgn2\_6/ptodata/1/pubpna/US09C PUBCOMB.seq.\*

12: /cgn2\_6/ptodata/1/pubpna/US09 NEW PUB.seq.\*

13: /cgn2\_6/ptodata/1/pubpna/US09 NEW PUB.seq.\*

14: /cgn2\_6/ptodata/1/pubpna/US10A PUBCOMB.seq.\*

15: /cgn2\_6/ptodata/1/pubpna/US10B PUBCOMB.seq.\*

16: /cgn2\_6/ptodata/1/pubpna/US10C PUBCOMB.seq.\*

17: /cgn2\_6/ptodata/1/pubpna/US10 NEW PUB.seq.\*

18: /cgn2\_6/ptodata/1/pubpna/US60 NEW PUB.seq.\*

19: /cgn2\_6/ptodata/1/pubpna/US60 PUBCOMB.seq.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match %	Length	ID	Description
1	711	100.0	711	9	US-09-948-4298-9
2	711	100.0	711	13	US-09-758-173-9
3	711	100.0	711	14	US-10-124-905-9
4	711	100.0	711	14	US-10-073-138-5
5	711	100.0	711	15	US-10-124-807-9
6	711	100.0	711	15	US-10-291-532-9
7	561.8	79.0	1640	15	US-10-198-846-13206
8	552.6	77.7	768	9	US-09-747-669-4
9	552.6	77.7	768	9	US-09-747-669-5
10	552.6	77.7	768	15	US-10-290-703-4
11	552.6	77.7	768	15	US-10-290-703-5
12	552.4	77.7	848	15	US-10-158-646-70
13	551	77.5	1590	15	US-10-158-846-12799
14	550.6	77.4	888	15	US-10-158-646-71

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Sequence 451, Appl  
Sequence 1, Appl  
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Sequence 1, Appl  
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Sequence 1, Appl  
Sequence 108, Appl  
Sequence 788, Appl  
Sequence 3743, Appl  
Sequence 1069, Appl  
Sequence 710, Appl  
Sequence 1912, Appl  
Sequence 1912, Appl  
Sequence 87, Appl  
Sequence 13529, A  
Sequence 3, Appl  
Sequence 13529, A  
Sequence 1913, Appl  
Sequence 1913, Appl  
Sequence 13206, A  
Sequence 13540, A  
Sequence 12, Appl  
Sequence 73, Appl  
Sequence 13540, A  
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Sequence 47, Appl  
Sequence 47, Appl  
Sequence 47, Appl  
Sequence 29, Appl

15 545.6 76.7 9472 13 US-09-837-306-134  
16 545.6 76.7 9532 16 US-10-045-674-451  
17 540.2 76.0 705 9 US-09-948-4298-1  
18 540.2 76.0 705 13 US-09-758-173-1  
19 540.2 76.0 705 14 US-10-124-905-1  
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21 540.2 76.0 705 15 US-10-124-807-1  
22 540.2 76.0 705 15 US-10-291-532-1  
23 534.8 75.2 2112 14 US-10-001-857-108  
24 532.2 74.9 915 9 US-09-954-456-788  
25 532.2 74.9 915 9 US-09-880-107-3743  
26 532.2 74.9 915 10 US-09-960-706-1069  
27 532.2 74.9 915 10 US-09-873-319-710  
28 532.2 74.9 915 13 US-10-342-887-1912  
29 532.2 74.9 915 13 US-10-172-118-1912  
30 532.2 74.9 964 13 US-10-363-616-87  
31 531.8 74.8 2635 15 US-10-198-846-13529  
32 527.6 74.2 705 15 US-10-198-846-13529  
33 525.4 73.9 2635 15 US-10-198-846-13529  
34 518.8 73.0 819 13 US-10-342-887-1913  
35 518.8 73.0 819 13 US-10-172-118-1913  
36 510.6 71.8 1840 15 US-10-198-846-13206  
37 507.2 71.3 729 16 US-10-461-148-12  
38 504.2 70.9 883 15 US-10-158-646-73  
39 504.2 69.6 1597 15 US-10-198-846-13540  
40 494.6 68.1 885 9 US-09-853-161-47  
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42 484.2 68.1 885 9 US-09-852-659A-47  
43 484.2 68.1 885 13 US-10-058-993-47  
44 484.2 68.1 885 13 US-10-058-993-47  
45 482.6 67.9 879 9 US-09-853-161-29

#### ALIGNMENTS

#### RESULT 1

US-09-948-4298-9  
; Sequence 9, Application US/099484298  
; Patent No. US20030177689A1  
; GENERAL INFORMATION:

APPLICANT: Anderson, Darrell R.

TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC

TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,

TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS

TITLE OF INVENTION: IMMUNOSUPPRESSANTS"

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:

ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS

STREET: 699 Prince Street

CITY: Alexandria

STATE: VA

COUNTRY: USA

ZIP: 22314

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/948,4298

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/383,916

FILING DATE:

APPLICATION NUMBER: US 08/487,550

FILING DATE: 07-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: Teskin, Robin L.

REGISTRATION NUMBER: 35,030

REFERENCE/DOCKET NUMBER: 012712-131

TELECOMMUNICATION INFORMATION:

TELEPHONE: 703-836-6620  
TELEFAX: 703-836-2021  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 711 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: not relevant  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..711  
NAME/KEY: mat\_peptide  
LOCATION: 1..711  
US-09-948-429B-9

Query Match 100.0%; Score 711; DB 9; Length 711;  
Best Local Similarity 100.0%; Pred. No. 1.9e-208;  
Matches 711; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGAGGGTCCCGCTCAGCTCCCTGGGCTCTGGCTCCAGTGCACGATGT 60  
DB 1 ATGAGGGTCCCGCTCAGCTCCCTGGGCTCTGGCTCCAGTGCACGATGT 60

QY 61 GAGTCTGTCTGACACAGCGGCTCAGTGTCTGGGCTCCAGGAGGTCACCATC 120  
DB 61 GAGTCTGTCTGACACAGCGGCTCAGTGTCTGGGCTCCAGGAGGTCACCATC 120

QY 121 TGTGTCACTGGGAGCAGCTCCACATTTGGAGTTATGATCTACATTTGGTACGAGCTC 180  
DB 121 TGTGTCACTGGGAGCAGCTCCACATTTGGAGTTATGATCTACATTTGGTACGAGCTC 180

QY 181 CCAGGAACGGCCCCCAACTCTCTATGACATTAACAGGAGGTCACCATC 240  
DB 181 CCAGGAACGGCCCCCAACTCTCTATGACATTAACAGGAGGTCACCATC 240

QY 241 GACCGATTCTCTGGCTCCAAAGTCTGGTACCGGCTCTCCCTGGGCTCCAG 300  
DB 241 GACCGATTCTCTGGCTCCAAAGTCTGGTACCGGCTCTCCCTGGGCTCCAG 300

QY 301 ACTGAGGATGAGCTGATTATTAATCTGCTGAGTCTGAGCAGGCTGATGCTCAGGTA 360  
DB 301 ACTGAGGATGAGCTGATTATTAATCTGCTGAGTCTGAGCAGGCTGATGCTCAGGTA 360

QY 361 TTGCGAGGAGGACCGGCTGAGCTGAGTCTGAGTCCAGGCTGAGTCCGCTGAGT 420  
DB 361 TTGCGAGGAGGACCGGCTGAGCTGAGTCTGAGTCCAGGCTGAGTCCGCTGAGT 420

QY 421 CTGTTCCCGCTCTCTCTGAGGAGCTTCAAGCCACAGGCTGAGTCTGAGTCTGAGT 480  
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QY 481 ATGACTTCTACCCGGAGCCCTGAGTGGCTGGAAGGAGAGTACGAGCCCGCTCAAG 540  
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RESULT 2

US-09-758-173-9

; Sequence 9, Application US/09758173

Publication No. US20010024648A1  
GENERAL INFORMATION:  
APPLICANT: Anderson, Darrell R.  
TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF, AND USE THEREOF AS PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS IMMUNOSUPPRESSANTS"  
TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS IMMUNOSUPPRESSANTS"  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS  
STREET: 699 Prince Street  
CITY: Alexandria  
STATE: VA  
COUNTRY: USA  
ZIP: 22314  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent in Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/758.173  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/383,916  
FILING DATE:  
APPLICATION NUMBER: US 08/487,550  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Reskin, Robin L.  
REGISTRATION NUMBER: 35,030  
REFERENCE/DOCKET NUMBER: 012712-131  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-836-6620  
TELEFAX: 703-836-2021  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 711 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: not relevant  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..711  
FEATURE:  
NAME/KEY: mat\_peptide  
LOCATION: 1..711  
US-09-758-173-9

Query Match 100.0%; Score 711; DB 13; Length 711;  
Best Local Similarity 100.0%; Pred. No. 1.9e-208;  
Matches 711; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 ATGAGGGTCCCGCTCAGCTCCCTGGGCTCTGGCTCCAGTGCACGATGT 60  
DB 1 ATGAGGGTCCCGCTCAGCTCCCTGGGCTCTGGCTCCAGTGCACGATGT 60

QY 61 GAGTCTGTCTGACACAGCGGCTCAGTGTCTGGGCTCCAGGAGGTCACCATC 120  
DB 61 GAGTCTGTCTGACACAGCGGCTCAGTGTCTGGGCTCCAGGAGGTCACCATC 120

QY 121 TCGTGTCACTGGGAGCAGCTCCACATTTGGAGTTATGATCTACATTTGGTACGAGCTC 180  
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QY 241 GACCGATTCTCTGGCTCCAAAGTCTGGTACCGGCTCTCCCTGGGCTCCAG 300  
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GenCore version 5.1.6  
Copyright (c) 1993 - 2004 CompuGen Ltd.

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Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
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9	502.6	70.7	902	2	US-08-378-939-11
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12	468.4	65.9	702	3	US-08-523-894-5
13	416.4	58.6	919	3	US-09-049-672A-24
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18	405.8	57.1	543	4	US-09-671-325-970
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21	363.4	51.1	491	4	US-09-702-705-833
22	363.4	51.1	491	4	US-09-736-457-833
23	363.4	51.1	491	4	US-09-614-124B-833
24	363.4	51.1	491	4	US-09-671-325-833
25	334.2	47.0	608	4	US-09-702-705-908
26	334.2	47.0	608	4	US-09-736-457-908
27	334.2	47.0	608	4	US-09-614-124B-908

28	334.2	47.0	608	4	US-09-671-325-908	Sequence 908, App
29	323.6	45.5	584	4	US-09-404-879A-268	Sequence 268, App
30	323.6	45.5	584	4	US-09-338-933-268	Sequence 268, App
31	323.6	45.5	584	4	US-09-215-681-268	Sequence 268, App
32	323.6	45.5	584	4	US-09-216-003A-268	Sequence 268, App
33	321	45.1	361	4	US-09-702-705-1589	Sequence 1589, App
34	321	45.1	361	4	US-09-736-457-1589	Sequence 1589, App
35	321	45.1	361	4	US-09-614-124B-1589	Sequence 1589, App
36	321	45.1	361	4	US-09-671-325-1589	Sequence 1589, App
37	314.8	44.3	705	4	US-09-592-998C-7	Sequence 7, Appli
38	314.6	44.2	420	4	US-09-702-705-433	Sequence 433, App
39	314.6	44.2	420	4	US-09-736-457-433	Sequence 433, App
40	314.6	44.2	420	4	US-09-614-124B-433	Sequence 433, App
41	314.6	44.2	420	4	US-09-671-325-433	Sequence 433, App
42	314.6	44.2	420	4	US-09-589-184-433	Sequence 433, App
43	313.8	44.1	373	4	US-09-702-705-1625	Sequence 1625, App
44	313.8	44.1	373	4	US-09-736-457-1625	Sequence 1625, App
45	313.8	44.1	373	4	US-09-614-124B-1625	Sequence 1625, App

#### ALIGNMENTS

#### RESULT 1

US-08-487-550-9

; Sequence 9, Application US/08487550

; Patent No. 6113898

; GENERAL INFORMATION:

; APPLICANT: Anderson, Darrell R.

; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC

; TITLE OF INVENTION: TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF.

; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS

; NUMBER OF SEQUENCES: 12

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS

; STREET: 699 Prince Street

; CITY: Alexandria

; STATE: VA

; COUNTRY: USA

; ZIP: 22314

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent In Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/487,550

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Teskin, Robin L.

; REGISTRATION NUMBER: 35,030

; REFERENCE/DOCKET NUMBER: 012712-131

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 703-836-6620

; TELEFAX: 703-836-2021

; INFORMATION FOR SEQ ID NO: 9:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 711 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: not relevant

; TOPOLOGY: linear

; MOLECULE TYPE: peptide

; FEATURE:

; NAME/KEY: CDS

; LOCATION: 1..711

; FEATURE:

; NAME/KEY: mat\_peptide

; LOCATION: 1..711

US-08-487-550-9

Query Match 100.0%; Score 711; DB 3; Length 711;

Best Local Similarity 100.0%; Pred. No. 2.3e-188;  
Matches 711; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 ATGAGGTCCTCCGCTCAGCTCTGGGGCTCTGGCTCTGGCTCCAGGTGACAGATGT 60

Qy 61 GAGTCTGTCTGACACAGCGGCTCAGTGTCTGGGGCTCCAGGTGACAGATGT 120  
Db 61 GAGTCTGTCTGACACAGCGGCTCAGTGTCTGGGGCTCCAGGTGACAGATGT 120

Qy 121 TGTGTCAGTGGAGCAGCTCCAACTTGGAGTGTATGATCTACATTTGGTACAGATGT 180  
Db 121 TGTGTCAGTGGAGCAGCTCCAACTTGGAGTGTATGATCTACATTTGGTACAGATGT 180

Qy 181 CCAGGAGCGGCTCCAACTTCTCATCTATGATCTACATTTGGTACAGATGT 240  
Db 181 CCAGGAGCGGCTCCAACTTCTCATCTATGATCTACATTTGGTACAGATGT 240

Qy 241 GACCGATTCTCTGGCTCCAACTTCTCATCTATGATCTACATTTGGTACAGATGT 300  
Db 241 GACCGATTCTCTGGCTCCAACTTCTCATCTATGATCTACATTTGGTACAGATGT 300

Qy 301 ACTGAGGATGAGCTGTATTTACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 360  
Db 301 ACTGAGGATGAGCTGTATTTACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 360

Qy 361 TTGCGAGGAGGAGCGGCTGACCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 420  
Db 361 TTGCGAGGAGGAGCGGCTGACCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 420

Qy 421 CTGTTCCCGCTCTCTGAGGAGCTTCAAGGAGCTTCAAGGAGCTTCAAGGAGCTTCAAG 480  
Db 421 CTGTTCCCGCTCTCTGAGGAGCTTCAAGGAGCTTCAAGGAGCTTCAAGGAGCTTCAAG 480

Qy 481 AGTGACTTCTACCGGAGCGCTGACGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 540  
Db 481 AGTGACTTCTACCGGAGCGCTGACGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 540

Qy 541 GCGGAGTGGAGACCAACCAACCTTCCAAACAAAGCAACCAACCAACCAACCAACCAAC 600  
Db 541 GCGGAGTGGAGACCAACCAACCTTCCAAACAAAGCAACCAACCAACCAACCAACCAAC 600

Qy 601 TACTGAGCTGAGCTGAGCTGAGCTGAGCTGAGCTGAGCTGAGCTGAGCTGAGCTGAGCT 660  
Db 601 TACTGAGCTGAGCTGAGCTGAGCTGAGCTGAGCTGAGCTGAGCTGAGCTGAGCTGAGCT 660

Qy 661 CATGAGGAGGAGCGGCTGAGGAGGAGCTGAGGAGGAGCTGAGGAGGAGCTGAGGAGGAG 711  
Db 661 CATGAGGAGGAGCGGCTGAGGAGGAGCTGAGGAGGAGCTGAGGAGGAGCTGAGGAGGAG 711

RESULT 2  
US-09-526-098-9  
Sequence 9, Application US/09526098  
Patent No. 6492134  
GENERAL INFORMATION:  
APPLICANT: Anderson, Darrell R.  
TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC  
TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,  
TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS  
TITLE OF INVENTION: IMMUNOSUPPRESSANTS"  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS  
STREET: 699 Prince Street  
CITY: Alexandria  
STATE: VA  
COUNTRY: USA  
ZIP: 22314  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/526,098  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/383,916  
FILING DATE:  
APPLICATION NUMBER: US 08/487,550  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Teskin, Robin L.  
REGISTRATION NUMBER: 35,030  
REFERENCE/DOCKET NUMBER: 012712-131  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-836-6620  
TELEFAX: 703-836-2021  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 711 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: not relevant  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
FEATURE:  
NAME/KEY: CDS  
LOCATION: 1..711  
NAME/KEY: mat peptide  
LOCATION: 1..711  
US-09-526-098-9

Query Match 100.0%; Score 711; DB 4; Length 711;  
Best Local Similarity 100.0%; Pred. No. 2.3e-188;  
Matches 711; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 ATGAGGTCCTCCGCTCAGCTCTGGGGCTCTGGCTCTGGCTCCAGGTGACAGATGT 60  
Db 1 ATGAGGTCCTCCGCTCAGCTCTGGGGCTCTGGCTCTGGCTCCAGGTGACAGATGT 60

Qy 61 GAGTCTGTCTGACACAGCGGCTCAGTGTCTGGGGCTCCAGGTGACAGATGT 120  
Db 61 GAGTCTGTCTGACACAGCGGCTCAGTGTCTGGGGCTCCAGGTGACAGATGT 120

Qy 121 TGTGTCAGTGGAGCAGCTCCAACTTGGAGTGTATGATCTACATTTGGTACAGATGT 180  
Db 121 TGTGTCAGTGGAGCAGCTCCAACTTGGAGTGTATGATCTACATTTGGTACAGATGT 180

Qy 181 CCAGGAGCGGCTCCAACTTCTCATCTATGATCTACATTTGGTACAGATGT 240  
Db 181 CCAGGAGCGGCTCCAACTTCTCATCTATGATCTACATTTGGTACAGATGT 240

Qy 241 GACCGATTCTCTGGCTCCAACTTCTCATCTATGATCTACATTTGGTACAGATGT 300  
Db 241 GACCGATTCTCTGGCTCCAACTTCTCATCTATGATCTACATTTGGTACAGATGT 300

Qy 301 ACTGAGGATGAGCTGTATTTACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 360  
Db 301 ACTGAGGATGAGCTGTATTTACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 360

Qy 361 TTGCGAGGAGGAGCGGCTGACCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 420  
Db 361 TTGCGAGGAGGAGCGGCTGACCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 420

Qy 421 CTGTTCCCGCTCTCTGAGGAGCTTCAAGGAGCTTCAAGGAGCTTCAAGGAGCTTCAAG 480  
Db 421 CTGTTCCCGCTCTCTGAGGAGCTTCAAGGAGCTTCAAGGAGCTTCAAGGAGCTTCAAG 480

Qy 481 AGTGACTTCTACCGGAGCGCTGACGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 540  
Db 481 AGTGACTTCTACCGGAGCGCTGACGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 540

GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: June 6, 2004, 12:00:32 ; Search time 23.0594 Seconds  
(without alignments)  
2879.347 Million cell updates/sec

Title: US-09-758-173-10

Perfect score: 1232

Sequence: 1 MRVPAQLGLLLWLPAGRC.....CQVTHGSTVKTVAPECS 236

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1155919 seqs, 281338677 residues

Total number of hits satisfying chosen parameters: 1155919

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:\*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

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3	1232	100.0	236	13	US-10-124-905-10
4	1232	100.0	236	14	US-10-124-807-10
5	1232	100.0	236	14	US-10-291-532-10
6	1006	81.7	235	9	US-09-747-669-6
7	1006	81.7	235	14	US-10-290-703-6
8	999.5	81.1	221	13	US-10-001-857-202
9	987	80.1	268	12	US-10-363-616-332
10	974	79.1	234	14	US-10-194-801C-4
11	973	79.0	234	9	US-09-948-429B-2
12	973	79.0	234	12	US-09-758-173-2
13	973	79.0	234	12	US-10-124-905-2
14	973	79.0	234	14	US-10-124-807-2
15	973	79.0	234	14	US-10-291-532-2

16	969	78.7	242	14	US-10-225-108A-14
17	969	78.7	242	15	US-10-461-148-7
18	960.5	77.2	219	9	US-09-974-449-38
19	916.5	74.4	219	14	US-10-026-925-57
20	910	73.9	214	10	US-09-972-656-96
21	909	73.8	218	10	US-09-972-656-102
22	907.5	73.7	217	10	US-09-972-656-88
23	897	72.8	216	10	US-09-972-656-90
24	889	72.2	233	12	US-10-029-926B-27
25	889	72.2	233	15	US-10-033-037B-27
26	889	72.2	233	15	US-10-028-988B-27
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28	888	72.1	218	10	US-09-791-153A-51
29	885	71.9	216	10	US-09-972-656-108
30	885	71.8	235	9	US-09-853-161-70
31	885	71.8	235	9	US-09-852-659A-70
32	885	71.8	235	9	US-09-852-797-70
33	885	71.8	235	12	US-10-058-993-70
34	882	71.6	235	9	US-09-853-161-88
35	882	71.6	235	9	US-09-852-659A-88
36	882	71.6	235	9	US-09-852-797-88
37	882	71.6	235	12	US-10-058-993-88
38	876.5	71.1	235	14	US-10-076-747-82
39	876	71.1	233	16	US-10-312-354-38
40	871.5	70.7	232	15	US-10-231-265-755
41	868	70.5	232	14	US-10-225-108A-12
42	868	70.5	232	15	US-10-461-148-6
43	867	70.4	686	12	US-10-072-012-795
44	866	70.3	231	15	US-10-291-265-283
45	866	70.3	269	15	US-10-264-049-2493

#### ALIGNMENTS

#### RESULT 1

US-09-948-429B-10  
Sequence 10, Application US/09948429B  
Patent No. US20020177689A1  
GENERAL INFORMATION:  
APPLICANT: Anderson, Dazrell R.  
TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF."  
TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS IMMUNOSUPPRESSANTS"  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BURNS, DOANE, SWICKER & MATHIS  
STREET: 699 Prince Street  
CITY: Alexandria  
STATE: VA  
COUNTRY: USA  
ZIP: 22314  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/948,429B  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/383,916  
FILING DATE:  
APPLICATION NUMBER: US 08/487,550  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Teskin, Robin L.  
REGISTRATION NUMBER: 35,030  
REFERENCE/DOCKET NUMBER: 012712-131  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-836-6620

TELEFAX: 703-836-2021  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 236 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-09-948-429B-10

Query Match 100.0%; Score 1232; DB 9; Length 236;  
Best Local Similarity 100.0%; Pred. No. 4.3e-85;  
Matches 236; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MRVPAQLLGLLLWLPGARCESVLTQPPSVSGAPQKQVITISCTGTSNIGGYDLHWYQQL 60  
DB 1 MRVPAQLLGLLLWLPGARCESVLTQPPSVSGAPQKQVITISCTGTSNIGGYDLHWYQQL 60  
QY 61 PGTAPKLLIYDINKRPSGISDRFSGSKSGTAASLAITGLQTEDEADYYCQSDSSINAQV 120  
DB 61 PGTAPKLLIYDINKRPSGISDRFSGSKSGTAASLAITGLQTEDEADYYCQSDSSINAQV 120  
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QY 181 AGVETTTPSKQSNKKNYAASSYLSLTPEQWKSRSYSCQVTHGSGTVEKTVAPTECS 236  
DB 181 AGVETTTPSKQSNKKNYAASSYLSLTPEQWKSRSYSCQVTHGSGTVEKTVAPTECS 236

RESULT 2  
US-09-758-173-10  
Sequence 10, Application US/09758173  
Publication No. US20010024648A1  
GENERAL INFORMATION:  
APPLICANT: Anderson, Darrell R.  
TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF."  
TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS IMMUNOSUPPRESSANTS"  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS  
STREET: 699 Prince Street  
CITY: Alexandria  
STATE: VA  
COUNTRY: USA  
ZIP: 22314  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/758,173  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/383,916  
FILING DATE:  
APPLICATION NUMBER: US 08/487,550  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Teskin, Robin L.  
REGISTRATION NUMBER: 35,030  
REFERENCE/DOCKET NUMBER: 012712-131  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-836-6620  
TELEFAX: 703-836-2021  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 236 amino acids  
TYPE: amino acid

TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-09-758-173-10

Query Match 100.0%; Score 1232; DB 12; Length 236;  
Best Local Similarity 100.0%; Pred. No. 4.3e-85;  
Matches 236; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MRVPAQLLGLLLWLPGARCESVLTQPPSVSGAPQKQVITISCTGTSNIGGYDLHWYQQL 60  
DB 1 MRVPAQLLGLLLWLPGARCESVLTQPPSVSGAPQKQVITISCTGTSNIGGYDLHWYQQL 60  
QY 61 PGTAPKLLIYDINKRPSGISDRFSGSKSGTAASLAITGLQTEDEADYYCQSDSSINAQV 120  
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QY 181 AGVETTTPSKQSNKKNYAASSYLSLTPEQWKSRSYSCQVTHGSGTVEKTVAPTECS 236  
DB 181 AGVETTTPSKQSNKKNYAASSYLSLTPEQWKSRSYSCQVTHGSGTVEKTVAPTECS 236

RESULT 3  
US-10-124-905-10  
Sequence 10, Application US/10124905  
Publication No. US20020166136A1  
GENERAL INFORMATION:  
APPLICANT: Anderson, Darrell R.  
TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF, AND USE THEREOF AS IMMUNOSUPPRESSANTS"  
TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS IMMUNOSUPPRESSANTS"  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS  
STREET: 699 Prince Street  
CITY: Alexandria  
STATE: VA  
COUNTRY: USA  
ZIP: 22314  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/10/124,905  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 09/383,916  
FILING DATE:  
APPLICATION NUMBER: US 08/487,550  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Teskin, Robin L.  
REGISTRATION NUMBER: 35,030  
REFERENCE/DOCKET NUMBER: 012712-131  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-836-6620  
TELEFAX: 703-836-2021  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 236 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-10-124-905-10

Query Match 100.0%; Score 1232; DB 13; Length 236;





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DB 61 PGTAPKLLIYDINKRPSGISDRFSGSKGTAASLAITGLQTEDEADYTCQSYDSSLNQV 120  
QY 121 FGGTRLTLVGLGPKAAPSVTLPFPSSSEELQANKATLVCLISDFYFGAVTVAWKADSSPVK 180  
DB 121 FGGTRLTLVGLGPKAAPSVTLPFPSSSEELQANKATLVCLISDFYFGAVTVAWKADSSPVK 180  
QY 181 AGVETTPSKQSNKYYAASSYLSLTPEQWKSHRSYSCQVTHEGSTVETKVAPTECS 236  
DB 181 AGVETTPSKQSNKYYAASSYLSLTPEQWKSHRSYSCQVTHEGSTVETKVAPTECS 236

## RESULT 2

US-09-526-098-10  
; Sequence 10, Application US/09526098  
; Patent No. 6492134  
; GENERAL INFORMATION:  
; APPLICANT: Anderson, Darrell R.  
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC  
; TITLE OF INVENTION: TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,  
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS  
; TITLE OF INVENTION: IMMUNOSUPPRESSANTS"  
; NUMBER OF SEQUENCES: 12  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS  
; STREET: 699 Prince Street  
; CITY: Alexandria  
; STATE: VA  
; COUNTRY: USA  
; ZIP: 22314  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/526,098  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 09/383,916  
; FILING DATE:  
; APPLICATION NUMBER: US 08/487,550  
; FILING DATE: 07-JUN-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Teskin, Robin L.  
; REGISTRATION NUMBER: 35,030  
; REFERENCE/DOCKET NUMBER: 012712-131  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 703-835-6620  
; TELEFAX: 703-836-2021  
; INFORMATION FOR SEQ ID NO: 10:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 236 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-09-526-098-10

Query Match 100.0%; Score 1232; DB 4; Length 236;  
Best Local Similarity 100.0%; Pred. No. 1.9e-91;  
Matches 236; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MRVPAQLGLILLWLPFCARCESVLTQPPSVSGAPQKVTISCTGTSNIGGYDLHWYQOL 60  
QY 61 PGTAPKLLIYDINKRPSGISDRFSGSKGTAASLAITGLQTEDEADYTCQSYDSSLNQV 120  
DB 61 PGTAPKLLIYDINKRPSGISDRFSGSKGTAASLAITGLQTEDEADYTCQSYDSSLNQV 120  
QY 121 FGGTRLTLVGLGPKAAPSVTLPFPSSSEELQANKATLVCLISDFYFGAVTVAWKADSSPVK 180

DB 121 FGGTRLTLVGLGPKAAPSVTLPFPSSSEELQANKATLVCLISDFYFGAVTVAWKADSSPVK 180  
QY 181 AGVETTPSKQSNKYYAASSYLSLTPEQWKSHRSYSCQVTHEGSTVETKVAPTECS 236  
DB 181 AGVETTPSKQSNKYYAASSYLSLTPEQWKSHRSYSCQVTHEGSTVETKVAPTECS 236

## RESULT 3

US-09-049-672A-7  
; Sequence 7, Application US/09049672A  
; Patent No. 6135941  
; GENERAL INFORMATION:  
; APPLICANT: Hillman, Jennifer L.  
; APPLICANT: Lal, Preeti  
; APPLICANT: Tang, Y. Tom  
; APPLICANT: Yue, Henry  
; APPLICANT: Au-Young, Janice  
; APPLICANT: Corley, Neil C.  
; APPLICANT: Guegler, Karl J.  
; APPLICANT: Baughn, Mariah R.  
; TITLE OF INVENTION: HUMAN IMMUNE SYSTEM ASSOCIATED PROTEINS  
; NUMBER OF SEQUENCES: 28  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Incyte Pharmaceuticals, Inc.  
; STREET: 3174 Porter Drive  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94304  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/049,672A  
; FILING DATE: HEREWITH  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Cerrone, Michael C  
; REGISTRATION NUMBER: 39,132  
; REFERENCE/DOCKET NUMBER: PF-0497 US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 650-855-0555  
; TELEFAX: 650-845-4166  
; TELEX:  
; INFORMATION FOR SEQ ID NO: 7:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 236 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; IMMEDIATE SOURCE:  
; LIBRARY: ADRIUT05  
; CLONE: 2492122  
US-09-049-672A-7

Query Match 85.4%; Score 1052.5; DB 3; Length 236;  
Best Local Similarity 88.3%; Pred. No. 4.7e-77;  
Matches 204; Conservative 10; Mismatches 16; Indels 1; Gaps 1;

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DB 6 LLLTLLAHCAGTGAQSVLTQPPSVSGAPQKVTISCTGTSNIGAGYDVHWYQOLPOTAP 65  
QY 66 KLLIYDINKRPSGISDRFSGSKGTAASLAITGLQTEDEADYTCQSYDSSLNQV 125  
DB 66 KLLIYDINKRPSGISDRFSGSKGTAASLAITGLQTEDEADYTCQSYDSSLNQV 125

GenCore version 5.1.6  
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OM nucleic - nucleic search, using sw model

Run on: June 7, 2004, 01:56:45 ; Search time 1155.25 Seconds  
(without alignments)  
5650.904 Million cell updates/sec

Title: US-09-758-173-11  
Perfect score: 1431  
Sequence: 1 ATGAACACCTGCTGTTCTT.....CCCTGCTCGGTAATGA 1431

Scoring table: IDENTITY NUC  
Gapop 10.0 , Gapext 1.0

Searched: 2995936 seqs, 2280998010 residues

Total number of hits satisfying chosen parameters: 5991872

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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19: /cgn2\_6/ptodata/1/pubpna/US60\_PUBCOMB.seq.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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2	1431	100.0	1431	13	US-09-758-173-11
3	1431	100.0	1431	14	US-10-124-905-11
4	1431	100.0	1431	15	US-10-124-807-11
5	1431	100.0	1431	15	US-10-291-532-11
6	1429.4	99.9	1431	14	US-10-073-138-6
7	1315.8	91.9	1431	9	US-09-948-4298-3
8	1315.8	91.9	1431	13	US-09-758-173-3
9	1315.8	91.9	1431	14	US-10-124-905-3
10	1315.8	91.9	1431	15	US-10-124-807-3
11	1315.8	91.9	1431	15	US-10-291-532-3
12	1314.2	91.8	1431	14	US-10-073-138-2
13	1182.8	82.7	1566	16	US-10-108-260A-1850
14	1181	82.5	1404	15	US-10-211-357-7

Sequence 11, Appl  
Sequence 9, Appl  
Sequence 69, Appl  
Sequence 85, Appl  
Sequence 21, Appl  
Sequence 40, Appl  
Sequence 29, Appl  
Sequence 17, Appl  
Sequence 17, Appl  
Sequence 17, Appl  
Sequence 11, Appl  
Sequence 1, Appl  
Sequence 159, App  
Sequence 1932, Ap  
Sequence 1932, Ap  
Sequence 230, App  
Sequence 230, App  
Sequence 2197, Ap  
Sequence 19, Appl  
Sequence 19, Appl  
Sequence 789, App  
Sequence 1604, Ap  
Sequence 704, App  
Sequence 445, App  
Sequence 1010, Ap  
Sequence 1120, Ap  
Sequence 15, Appl  
Sequence 8, Appl  
Sequence 1, Appl

15 1177.8 82.3 1404 15 US-10-211-357-11  
16 1176.2 82.2 1404 15 US-10-211-357-9  
17 1170.6 81.8 1401 13 US-10-292-088-69  
18 1169 81.7 1401 13 US-10-292-088-85  
19 1163.4 81.3 1395 13 US-10-292-088-21  
20 1151 80.4 1428 15 US-10-203-754A-40  
21 1149.8 80.3 1401 13 US-10-292-088-29  
22 1134.8 79.3 1428 9 US-09-740-002-17  
23 1134.8 79.3 1428 16 US-10-384-356-17  
24 1134.8 79.3 1428 17 US-10-325-698-17  
25 1134 79.2 1425 16 US-10-461-148-11  
26 1134 79.2 1430 10 US-09-848-832-1  
27 1134 79.2 1430 15 US-10-225-108A-1  
28 1134 79.2 1644 16 US-10-291-265-159  
29 1134 79.2 1673 13 US-10-342-887-1932  
30 1134 79.2 1673 13 US-10-172-118-1932  
31 1133.4 79.2 1798 9 US-09-925-299-230  
32 1133.4 79.2 1798 10 US-09-925-299-230  
33 1130.6 79.0 1633 16 US-10-108-260A-2197  
34 1125.2 78.6 1428 9 US-09-740-002-19  
35 1125.2 78.6 1428 16 US-10-384-356-19  
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37 1122.8 78.5 1599 9 US-09-954-456-789  
38 1122.8 78.5 1599 9 US-09-954-456-1604  
39 1122.8 78.5 1599 10 US-09-960-706-704  
40 1122.8 78.5 1599 10 US-09-873-319-445  
41 1122.8 78.5 1599 10 US-09-873-367C-110  
42 1122.8 78.5 1599 17 US-10-641-643-1120  
43 1118 78.1 1431 15 US-10-225-108A-15  
44 1118 78.1 1431 16 US-10-461-148-8  
45 1118 78.1 1449 9 US-09-747-669-1

## ALIGNMENTS

RESULT 1  
US-09-948-4298-11  
; Sequence 11, Application US/099484298  
; Patent No. US20020177689A1  
; GENERAL INFORMATION:  
; APPLICANT: Anderson, Darrell R.  
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF."  
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS IMMUNOSUPPRESSANTS  
; NUMBER OF SEQUENCES: 12  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS  
; STREET: 699 Prince Street  
; CITY: Alexandria  
; STATE: VA  
; COUNTRY: USA  
; ZIP: 22314  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION NUMBER: US/09/948,429B  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION NUMBER: 09/383,916  
; FILING DATE:  
; APPLICATION NUMBER: US 08/487,550  
; FILING DATE: 07-JUN-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Teskin, Robin L.  
; REGISTRATION NUMBER: 35,030  
; REFERENCE/DOCKET NUMBER: 012712-131  
; TELECOMMUNICATION INFORMATION:



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OM nucleic - nucleic search, using sw model

Run on: June 7, 2004, 00:41:24 ; Search time 113.19 Seconds  
(without alignments)  
7015.931 Million cell updates/sec

Title: US-09-758-173-11

Perfect score: 1431

Sequence: 1 ATGAACACTGCTGGTTCCTT.....CCTGCTCGGGTAATGA 1431

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 1365418

Minimum DB seq length: 0

Maximum DB seq length: 2000000600

Post-processing: Minimum Match 0%

Maximum Match 100%

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

Result No.	Score	Query Match %	Length	DB ID	Description
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7	1181	82.5	1404	3	US-08-523-894-7
8	1177.8	82.3	1404	3	US-08-523-894-11
9	1176.2	82.2	1404	3	US-08-523-894-9
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14	1134.8	79.3	1428	2	US-08-635-878-17
15	1134.8	79.3	1428	2	US-08-770-057-17
16	1134.8	79.3	1428	3	US-08-335-697B-17
17	1134.8	79.3	1428	4	US-08-335-697B-17
18	1134.8	79.3	1428	4	US-08-740-002-17
19	1125.2	78.6	1428	1	US-08-488-376-19
20	1125.2	78.6	1428	2	US-08-634-223-19
21	1125.2	78.6	1428	2	US-08-634-224-19
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23	1125.2	78.6	1428	2	US-08-635-878-19
24	1125.2	78.6	1428	2	US-08-770-057-19
25	1125.2	78.6	1428	3	US-08-335-697B-19
26	1125.2	78.6	1428	4	US-08-335-697B-19
27	1125.2	78.6	1428	4	US-08-740-002-19

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Sequence 3, Appli  
Sequence 7, Appli  
Sequence 6, Appli  
Sequence 3, Appli  
Sequence 9, Appli  
Sequence 3, Appli  
Sequence 2, Appli  
Sequence 2, Appli  
Sequence 68, Appli

28 1122.8 78.5 1599 4 US-09-023-655-1120  
29 1121.2 78.4 1617 2 US-08-378-939-9  
30 1118 78.1 19040 4 US-09-343-485A-3  
31 1112.4 77.7 1437 3 US-08-487-550-7  
32 1112.4 77.7 1437 3 US-09-526-098-7  
33 1107.8 77.4 1576 1 US-08-157-101A-6  
34 1102.2 77.0 6557 5 PCT-US95-09576-3  
35 1102.2 77.0 6557 5 PCT-US95-09576-3  
36 1097.8 76.7 1350 1 US-08-157-101A-9  
37 1096.6 76.6 9309 1 US-08-149-099C-3  
38 1096.6 76.6 9309 1 US-08-476-278-2  
39 1096.6 76.6 9309 2 US-08-478-967A-3  
40 1096.6 76.6 9309 4 US-08-475-815B-3  
41 1096.6 76.6 9309 4 US-08-475-813-2  
42 1096.6 76.6 18986 2 US-08-819-866-2  
43 1096.6 76.6 18986 2 US-09-023-715-2  
44 1096.6 76.6 18986 4 US-09-343-485A-2  
45 1093.8 76.4 8120 3 US-09-027-449-68

## ALIGNMENTS

### RESULT 1

US-08-487-550-11

; Sequence 11, Application US/08487550

; Patent No. 6113898

; GENERAL INFORMATION:

; APPLICANT: Anderson, Darrell R.

; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC

; TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF.

; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS

; IMMUNOSUPPRESSANTS"

; NUMBER OF SEQUENCES: 12

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS

; STREET: 699 Prince Street

; CITY: Alexandria

; STATE: VA

; COUNTRY: USA

; ZIP: 22314

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.30

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/487,550

; FILING DATE: 07-JUN-1995

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

; NAME: Teekin, Robin L.

; REGISTRATION NUMBER: 35,030

; REFERENCE/DOCKET NUMBER: 012712-131

; TELEPHONE: 703-836-6620

; TELEFAX: 703-836-3021

; INFORMATION FOR SEQ ID NO: 11:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 1431 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: not relevant

; TOPOLOGY: linear

; MOLECULE TYPE: peptide

; FEATURE:

; NAME/KEY: CDS

; LOCATION: 1..1431

; FEATURE:

; NAME/KEY: mat\_peptide

; LOCATION: 1..1431

; US-08-487-550-11

Query Match 100.0%; Score 1431; DB 3; Length 1431;



GenCore version 5.1.6  
Copyright (c) 1993 - 2004 Compugen Ltd.

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(without alignments)  
2879.347 Million cell updates/sec

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Perfect score: 2549  
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Total number of hits satisfying chosen parameters: 1155919

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

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Database : Published Applications AA:  
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
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4	2549	100.0	476	14	US-10-124-807-12
5	2549	100.0	476	14	US-10-291-532-12
6	2309	90.6	476	9	US-09-948-429B-4
7	2309	90.6	476	12	US-09-758-173-4
8	2309	90.6	476	13	US-10-124-905-4
9	2309	90.6	476	14	US-10-124-807-4
10	2309	90.6	476	15	US-10-291-532-4
11	2218	87.0	467	15	US-10-108-260A-4293
12	2172	85.2	466	12	US-10-292-088-70
13	2166	85.0	466	12	US-10-292-088-86
14	2163	84.9	464	12	US-10-292-088-22
15	2153.5	84.5	446	12	US-10-435-299-7

16	2153.5	84.5	972	15	US-10-418-836-38	Sequence 38, Appl
17	2153.5	84.5	975	15	US-10-418-836-39	Sequence 39, Appl
18	2151.5	84.4	469	12	US-10-404-724-72	Sequence 72, Appl
19	2145.5	84.2	467	14	US-10-211-357-12	Sequence 12, Appl
20	2144.5	84.1	466	12	US-10-211-357-8	Sequence 8, Appl
21	2141	84.0	466	12	US-10-293-088-30	Sequence 30, Appl
22	2138	83.9	580	14	US-10-310-719-37	Sequence 37, Appl
23	2137.5	83.9	467	14	US-10-211-357-10	Sequence 10, Appl
24	2127	83.4	451	10	US-09-925-179-66	Sequence 66, Appl
25	2126	83.4	451	9	US-09-920-171-18	Sequence 18, Appl
26	2126	83.4	451	10	US-09-792-938-2	Sequence 2, Appl
27	2126	83.4	451	14	US-10-113-996-18	Sequence 18, Appl
28	2126	83.4	451	14	US-10-293-866-2	Sequence 2, Appl
29	2124	83.3	451	9	US-09-920-171-14	Sequence 14, Appl
30	2124	83.3	451	9	US-09-920-171-16	Sequence 16, Appl
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32	2124	83.3	451	14	US-10-113-996-14	Sequence 14, Appl
33	2124	83.3	451	14	US-10-113-996-16	Sequence 16, Appl
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35	2122.5	83.3	450	9	US-09-996-288-218	Sequence 218, App
36	2122.5	83.3	450	9	US-09-996-288-250	Sequence 250, App
37	2122.5	83.3	450	10	US-09-996-265-218	Sequence 218, App
38	2122.5	83.3	450	10	US-09-996-265-250	Sequence 250, App
39	2122.5	83.3	475	9	US-09-740-002-25	Sequence 25, Appl
40	2122.5	83.3	475	16	US-10-325-698-25	Sequence 25, Appl
41	2121	83.2	451	10	US-09-925-179-68	Sequence 68, Appl
42	2120.5	83.2	450	9	US-09-796-848A-49	Sequence 49, Appl
43	2120.5	83.2	450	9	US-09-996-288-216	Sequence 216, App
44	2120.5	83.2	450	10	US-09-996-265-216	Sequence 216, App
45	2119.5	83.2	450	9	US-09-796-848A-39	Sequence 39, Appl

## ALIGNMENTS

RESULT 1  
US-09-948-429B-12  
Sequence 12, Application US/09948429B  
Patent No. US20020177689A1  
GENERAL INFORMATION:  
APPLICANT: Anderson, Darrell R.  
TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF."  
TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS  
TITLE OF INVENTION: IMMUNOSUPPRESSANTS"  
NUMBER OF SEQUENCES: 12  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS  
STREET: 699 Prince Street  
CITY: Alexandria  
STATE: VA  
COUNTRY: USA  
ZIP: 22314

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/948,429B  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA: 09/383,916  
APPLICATION NUMBER: US 08/487,550  
FILING DATE:  
FILING DATE: 07-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Taskin, Robin L.  
REGISTRATION NUMBER: 35,030  
REFERENCE/DOCKET NUMBER: 012712-131  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-836-6620

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; TELEPAX: 703-836-2021
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 476 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-948-429B-12

Query Match      100.0%; Score 2549; DB 9; Length 476;
Best Local Similarity 100.0%; Pred. No. 1.4e-170;
Matches 476; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 361 IEKTIKAKQGPREFQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNY 420
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DB 421 KTTTPVLDSDGSPFLYSKLTVDKSRWQGNVFCSCVMHEALHNHYTQKSLSLSPGK 476

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; Sequence 12, Application US/09758173
; Publication No. US20010024648A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, Darrell R.
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC
; TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,"
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS
; IMMUNOSUPPRESSANTS"
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: 699 Prince Street
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/758,173
; FILING DATE:
; CLASSIFICATION:
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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/383,916
; FILING DATE:
; APPLICATION NUMBER: US 08/487,550
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Teskin, Robin L.
; REGISTRATION NUMBER: 35,030
; REFERENCE/DOCKET NUMBER: 012712-131
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6620
; TELEFAX: 703-836-2021
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 476 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-758-173-12

Query Match      100.0%; Score 2549; DB 12; Length 476;
Best Local Similarity 100.0%; Pred. No. 1.4e-170;
Matches 476; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 181 EPTVSNWNGALTSQVHTFPFPAVLQSSGLYSLSVVTVPSSSLGTQYICNVNHRKPSNTKV 240
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DB 241 DKAEPKSCDKHTHTCPPCPAPPELLGGPSVFLFPPPKDRLMIISRTPEVTCVVVDVSHEDP 300
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DB 301 EVKFNWYVDGVEVHNAKTKPREEQNTSYRVSIVLTVLHQDWLNGKEYKCKVSNKALPAP 360
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DB 361 IEKTIKAKQGPREFQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNY 420
QY 421 KTTTPVLDSDGSPFLYSKLTVDKSRWQGNVFCSCVMHEALHNHYTQKSLSLSPGK 476
DB 421 KTTTPVLDSDGSPFLYSKLTVDKSRWQGNVFCSCVMHEALHNHYTQKSLSLSPGK 476

RESULT 3
US-10-124-905-12
; Sequence 12, Application US/10124905
; Publication No. US20020166136A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, Darrell R.
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC
; TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,"
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS
; IMMUNOSUPPRESSANTS"
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS
; STREET: 699 Prince Street
; CITY: Alexandria
; STATE: VA
```



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OM protein - protein search, using sw model

Run on: June 6, 2004, 12:00:32 ; Search time 19.583 Seconds  
(without alignments)  
1254.863 Million cell updates/sec

Title: US-09-758-173-12  
Perfect score: 2549  
Sequence: 1 MKHLWFFLLVAAPRWLSQ.....MHEALHNYTKSLSPCK 476

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued Patents AA:\*  
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2: /cgn2\_6/ptodata/2/iaa/5B COMB.pcp.\*  
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	2549	100.0	476	4	US-09-526-098-12 Sequence 12, Appl
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4	2309	90.6	476	3	US-08-487-550-4 Sequence 4, Appl
5	2309	90.6	476	4	US-09-526-098-4 Sequence 4, Appl
6	2200	86.3	472	4	US-08-793-450-8 Sequence 8, Appl
7	2153.5	84.5	446	3	US-08-397-411-7 Sequence 7, Appl
8	2145.5	84.2	467	3	US-08-523-894-12 Sequence 12, Appl
9	2144.5	84.1	467	3	US-08-523-894-8 Sequence 8, Appl
10	2137.5	83.9	467	3	US-08-523-894-10 Sequence 10, Appl
11	2126	83.4	451	2	US-08-887-352B-18 Sequence 18, Appl
12	2126	83.4	451	3	US-09-109-207C-18 Sequence 18, Appl
13	2126	83.4	451	3	US-09-282-505-2 Sequence 2, Appl
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15	2126	83.4	451	3	US-09-296-005-18 Sequence 18, Appl
16	2126	83.4	451	4	US-09-282-846-2 Sequence 2, Appl
17	2126	83.4	451	4	US-09-680-145-2 Sequence 2, Appl
18	2126	83.4	451	4	US-09-920-171-18 Sequence 18, Appl
19	2124	83.3	451	2	US-08-887-352B-14 Sequence 14, Appl
20	2124	83.3	451	2	US-08-887-352B-16 Sequence 16, Appl
21	2124	83.3	451	3	US-08-466-151-65 Sequence 65, Appl
22	2124	83.3	451	3	US-09-109-207C-14 Sequence 14, Appl
23	2124	83.3	451	3	US-09-109-207C-16 Sequence 16, Appl
24	2124	83.3	451	3	US-09-296-005-14 Sequence 14, Appl
25	2124	83.3	451	3	US-09-296-005-16 Sequence 16, Appl
26	2124	83.3	451	4	US-09-920-171-14 Sequence 14, Appl
27	2124	83.3	451	4	US-09-920-171-16 Sequence 16, Appl

28 2122.5 83.3 475 4 US-09-740-002-25 Sequence 25, Appl  
29 2094.5 82.2 475 4 US-09-740-002-27 Sequence 27, Appl  
30 2093 82.1 453 3 US-08-466-151-8 Sequence 8, Appl  
31 2093 82.1 453 4 US-08-466-163B-8 Sequence 8, Appl  
32 2093 82.1 453 4 US-09-802-096-8 Sequence 7, Appl  
33 2072.5 81.3 462 4 US-09-289-942A-7 Sequence 7, Appl  
34 2071.5 81.3 452 3 US-09-027-449-71 Sequence 71, Appl  
35 2071.5 81.3 452 3 US-09-026-985-71 Sequence 71, Appl  
36 2071.5 81.3 452 4 US-09-121-952A-71 Sequence 71, Appl  
37 2071.5 81.3 452 4 US-09-234-340A-71 Sequence 71, Appl  
38 2063 80.9 476 2 US-08-378-939-10 Sequence 10, Appl  
39 2053.5 80.6 449 4 US-09-679-397-2 Sequence 2, Appl  
40 2053.5 80.6 449 4 US-09-680-148-2 Sequence 2, Appl  
41 2053.5 80.6 449 4 US-09-304-465A-2 Sequence 2, Appl  
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43 2053 80.5 478 3 US-08-487-550-8 Sequence 8, Appl  
44 2053 80.5 478 4 US-09-526-098-8 Sequence 8, Appl  
45 2033 79.8 449 1 US-08-458-516-13 Sequence 13, Appl

ALIGNMENTS

RESULT 1  
US-08-487-550-12  
; Sequence 12, Application US/08487550  
; Patent No. 6113898  
; GENERAL INFORMATION:  
; APPLICANT: Anderson, Darrell R.  
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,  
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS  
; NUMBER OF SEQUENCES: 12  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS  
; STREET: 699 Prince Street  
; CITY: Alexandria  
; STATE: VA  
; COUNTRY: USA  
; ZIP: 22314  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent In Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA: US/08/487,550  
; FILING DATE: 07-JUN-1995  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Teskin, Robin L.  
; REGISTRATION NUMBER: 35,030  
; REFERENCE/DOCKET NUMBER: 012712-131  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 703-836-6620  
; TELEFAX: 703-836-2021  
; INFORMATION FOR SEQ ID NO: 12:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 476 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; US-08-487-550-12

Query Match 100.0%; Score 2549; DB 3; Length 476;  
Best Local Similarity 100.0%; Pred. No. 1e-198;  
Matches 476; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
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DB 1 MKHLWFFLLVAAPRWLSQVQLQESGGPGLVKPSETLSITCAVSGSGISGGYGWIRQP 60

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## RESULT 2

US-09-526-098-12  
; Sequence 12, Application US/09526098  
; Patent No. 6492134  
; GENERAL INFORMATION:  
; APPLICANT: Anderson, Darrell R.  
; TITLE OF INVENTION: "MONKEY MONOCLONAL ANTIBODIES SPECIFIC  
; TO HUMAN B7.1 AND/OR B7.2 PRIMATIZED FORMS THEREOF,  
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS CONTAINING, AND USE THEREOF AS  
; IMMUNOSUPPRESSANTS"  
; NUMBER OF SEQUENCES: 12  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS  
; STREET: 699 Prince Street  
; CITY: Alexandria  
; STATE: VA  
; COUNTRY: USA  
; ZIP: 22314  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA: US/09/526,098  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION NUMBER: 09/383,916  
; FILING DATE:  
; APPLICATION NUMBER: US 08/487,550  
; FILING DATE: 07-JUN-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Teskin, Robin L.  
; REGISTRATION NUMBER: 35,030  
; REFERENCE/DOCKET NUMBER: 012712-131  
; TELEPHONE: 703-836-6620  
; TELEFAX: 703-836-2021  
; INFORMATION FOR SEQ ID NO: 12:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 476 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear

MOLECULE TYPE: protein  
US-09-526-098-12  
Query Match 100.0%; Score 2549; DB 4; Length 476;  
Best Local Similarity 100.0%; Pred. No. 1e-198;  
Matches 476; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
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DB 1 MCHLWFFLLVAAPRWVLSQVQLQESGPGLVKPSETISLTCAVSGGSISSGYGGMWRQP 60  
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## RESULT 3

US-09-049-672A-4  
; Sequence 4, Application US/09049672A  
; Patent No. 6135941  
; GENERAL INFORMATION:  
; APPLICANT: Hillman, Jennifer L.  
; APPLICANT: Lal, Preeti  
; APPLICANT: Tang, Y. Tom  
; APPLICANT: Yue, Henry  
; APPLICANT: Au-Young, Janice  
; APPLICANT: Corley, Neil C.  
; APPLICANT: Guegler, Karl J.  
; APPLICANT: Baughn, Mariah R.  
; TITLE OF INVENTION: HUMAN IMMUNE SYSTEM ASSOCIATED PROTEINS  
; NUMBER OF SEQUENCES: 28  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Incyte Pharmaceuticals, Inc.  
; STREET: 3174 Porter Drive  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94304  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/049,672A  
; FILING DATE: HEREWITH  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: